

P 062 921 948



Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to <i>T P Robinson</i>	
Name and No. <i>Chris Craft Boats</i>	
City, State and ZIP Code <i>Sarasota, FL</i>	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date <i>1-7-93</i> <i>AC 41-218344</i>	

PS Form 3811, July 1983 447-845

PS Form 3811, July 1983 447-845

SENDER: Complete items 1, 2, 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

1. Show to whom, date and address of delivery.

2. Restricted Delivery.

3. Article Addressed to:
Mr. T. P. Robinson, VP & GM
Chris Craft Boats
8161 15th St. East
Sarasota, FL 34243

4. Type of Service:	Article Number
<input type="checkbox"/> Registered <input type="checkbox"/> Insured	<i>062 921 948</i>
<input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD	
<input type="checkbox"/> Express Mail	

Always obtain signature of addressee or agent and **DATE DELIVERED.**

5. Signature - Addressee
X [Signature]

6. Signature - Agent
X

7. Date of Delivery

8. Addressee's Address (*ONLY if requested and fee paid*)

DOMESTIC RETURN RECEIPT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
NOTICE OF PERMIT

In the matter of an
Application for Permit by:

DER File No. AC 41-218344
Manatee County

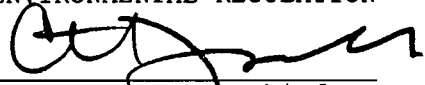
Mr. T. P. Robinson
V.P. and General Manager
Chris Craft Boats
8161 15th Street East
Sarasota, Florida 34243

Enclosed is Permit Number AC 41-218344 to allow an increase in the permitted hours of operation to allow continuous operation of the Chris Craft Boats facility located in Manatee County, Florida. This permit is issued pursuant to Section(s) 403, Florida Statutes.

Any party to this Order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this Notice is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

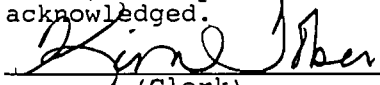

C. H. Fancy, P.E., Chief
Bureau of Air Regulation
2600 Blair Stone Road
Tallahassee, FL 32399-2400
904-488-1344

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF PERMIT and all copies were mailed before the close of business on 1-7-93 to the listed persons.

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED,
on this date, pursuant to
§120.52(11), Florida Statutes,
with the designated Department
Clerk, receipt of which is hereby
acknowledged.


(Clerk)

1-7-93
(Date)

Copies furnished to:

B. Thomas, SW District
R. Baum, MCPCD
T. John, P.E., TJEI
M. Schenk, CCB

Final Determination

Chris Craft Boats

Manatee County

AC 41-218344

The construction permit application package has been reviewed by the Department. Public Notice of the Department's Intent to Issue was published in The Bradenton Herald on December 7, 1992. The Technical Evaluation and Preliminary Determination of the construction permits was distributed on October 14, 1992, and available for public inspection at the Department's Southwest District office and Bureau of Air Regulation office and the Manatee County Pollution Department office.

There were no comments received during the public notice period. Therefore, it is recommended that the construction permit be issued as drafted.



*Chris * Craft*

RECEIVED

December 4, 1992

DEC 09 1992

Division of Air
Resources Management

Mr. Bruce Mitchell
Air Section
Dept. of Environmental Regulation
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

RE: Chris Craft Boats, AC41-218344: Request for Operating Hours Increase

Dear Mr. Mitchell:

Chris Craft Boats has reviewed chemical usage and operating records for recent months. Due to a shift in market demands, we are requesting approval to extend our laminating workload into the third shift on a routine basis.

As a general rule, the size of the boats produced at the facility has increased, resulting in increased chemical usage per boat. However, larger boats require more time to construct, resulting in no increase in pounds per hour or tons per year emissions. Chris Craft would like to spread the laminating workload into the third shift as a matter of routine. This will provide added flexibility in response to production demands for larger boats. It will have the additional benefit of reducing the worker exposure concentrations within the facility, by lowering the intensity of activity at any time.

Thus, the "pounds per hour/tons per year" limitations of permit AC41-218344 would not be violated under the proposed request. However, projected actual hours of operation would exceed the 3900 hours per year in the rotation of Permit Specific Condition number 2.

Chris Craft believes that operating in a fashion as described is in agreement with the intent of AC41-218344. We plan to proceed with publication of the Intent to Issue for that permit unless the Department of Environmental Regulation feels that a modification is necessary prior to publication.

8161 15th Street East, Sarasota, Florida 34243
813-351-4900 FAX 813-351-8974

OMCCC, INC. A subsidiary of Outboard Marine Corporation
Chris-Craft is a registered trademark of Chris-Craft Industries, Inc.

Best Available Copy

Mr. Bruce Mitchell
Dept. of Environmental Regulation
December 4, 1992
Page 2

RE: Chris Craft Boats, AC41-218344: Request for Operating Hours
Increase

Thank you for your attention in this matter. If you have any
questions, please contact me at 813-351-4900 or Tom John at his
office in Tampa at 813-985-7881.

Sincerely



Mike Schenk
Manager
Environmental Control

cc: Tom T. John, P.E.

MS\bb

B. Mitchell

B. Schenk, cc list

R. Baum, RCPD

Final Determination

**Chris Craft Boats
Manatee County
Sarasota, Florida**

**Construction Permit No.
AC 41-218344**

**Department of Environmental Regulation
Division of Air Resources Management
Bureau of Air Regulation**

January 7, 1993



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Lawton Chiles, Governor

Carol M. Browner, Secretary

PERMITTEE:
Chris Craft Boats
8161 15th Street East
Sarasota, Florida 34243

Permit Number: AC 41-218344
Expiration Date: Dec. 31, 1993
County: Manatee
Latitude/Longitude: 27°23'30"N
82°32'40"W
Project: Modification of the
Fiberglass Boat Manufacturing
Operation

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.); Florida Administrative Code (F.A.C.) Chapters 17-210 thru 17-297 and 17-4; and, 40 CFR (July, 1991 version). The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawings, plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

For the relaxation of the permitted hours of operation, established in construction permit No. AC 41-165851, to allow continuous hours of operation of the facility, which produces fiberglass boats. There will be no increase in the allowable emissions. A material balance scheme is used to demonstrate compliance. There is an associated exhaust system rated at 60,000 acfm. The UTM coordinates are Zone 17, 347.215 km East and 3030.633 km North.

The Standard Industrial Code is: 3732 - Boat Manufacturing Plant

The Source Classification Code is:
3-08-007-20 General Fiberglass Resin Products Tons Coating
Applied

The source shall be in accordance with the permit application, plans, documents, supplementary information, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

Attachments to be Incorporated:

1. Mr. Tom T. John's request to amend/modify an air pollution source received July 13, 1992.
2. Mr. C. H. Fancy's letter dated August 4, 1992.
3. Mr. Michael Schenk's letter with the processing fee received August 26, 1992.
4. Mr. Tom T. John's FAX received October 7, 1992.
5. Intent to Issue package dated October 14, 1992.
6. Public Notice received December 9, 1992.
7. Final Determination dated January 7, 1993.

PERMITTEE:
Chris Craft Boats

Permit Number: AC 41-218344
Expiration Date: Dec. 31, 1993

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in Subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of F.S. and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

PERMITTEE:
Chris Craft Boats

Permit Number: AC 41-218344
Expiration Date: Dec. 31, 1993

GENERAL CONDITIONS:

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:

- a. Have access to and copy any records that must be kept under the conditions of the permit;
- b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and,
- c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- a. a description of and cause of non-compliance; and,
- b. the period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the F.S. or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and F.S. after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by F.S. or Department rules.

PERMITTEE:
Chris Craft Boats

Permit Number: AC 41-218344
Expiration Date: Dec. 31, 1993

GENERAL CONDITIONS:

11. This permit is transferable only upon Department approval in accordance with F.A.C. Rules 17-4.120 and 17-30.300, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. The permittee shall comply with the following:

- a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and, records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
- c. Records of monitoring information shall include:
 - the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the dates analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and,
 - the results of such analyses.

14. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

PERMITTEE:
Chris Craft Boats

Permit Number: AC 41-218344
Expiration Date: Dec. 31, 1993

SPECIFIC CONDITIONS:

1. The facility is allowed to operate continuously (i.e., 8760 hrs/yr).
2. Volatile organic compounds/organic solvents (VOC/OS) emissions from the laminating and gelcoating operations shall be verifiable on a monthly basis and shall not exceed 236.0 tons/yr. The basis of the limitation is:

VOC/OS	Potential Pollutant Emissions	
o Acetone	39.4 lbs/hr,	76.8 TPY
o Styrene	69.9 lbs/hr,	137.5 TPY
o Methyl Methacrylate	2.1 lbs/hr,	4.1 TPY
o Trichlorofluoro Methane	4.0 lbs/hr,	7.8 TPY
o Dichlorodifluoro Methane	0.009 lbs/hr,	0.018 TPY
o Toluene	2.5 lbs/hr,	4.9 TPY
o Hexane	2.5 lbs/hr	4.9 TPY
	Total:	236.0 TPY

NOTE: Actual hours of operation projected to be 3,900 per year.

3. Compliance shall be demonstrated by applying a material balance scheme, which is to compare the beginning inventory, recycled and disposed-of (shipped-out) material, and ending inventory. An annual operating report shall be submitted to the Department's Southwest District office reporting the actual annual VOC/OS emissions from the facility, on a per month basis, by March 1 of each year.
4. In accordance with F.A.C. Rule 17-296.320(1)(a), no person shall store, pump, handle, process, load, unload or use in any process or installation VOC or OS without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department. All vats, containers, etc., that are used for temporary and permanent storage of VOC/OS, shall be covered when not in use.
5. Objectionable odors will not be allowed off plant property in accordance with F.A.C. Rule 17-296.320(2).
6. Any change in the method of operation pursuant to F.A.C. Rule 17-296.200, Definitions-Modification, shall require the submittal of an application and appropriate processing fee to the Department's Bureau of Air Regulation.
7. The facility's operation is subject to all applicable provisions of F.A.C. Chapters 17-210 thru 17-297 and 17-4; and, 40 CFR (July, 1991 version).
8. This permit shall supercede all previously issued air construction permits.

PERMITTEE:
Chris Craft Boats

Permit Number: AC 41-218344
Expiration Date: Dec. 31, 1993

SPECIFIC CONDITIONS:

9. The permittee is subject to all of the applicable provisions of F.A.C. Chapters 17-210 thru 17-297 and 17-4; and, the 40 CFR (July, 1991 version).

10. The permittee is subject to the applicable provisions of F.A.C. Rules 17-210.700: Excess Emissions; and 17-4.130: Plant Operations-Problems.

11. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the Department's Bureau of Air Regulation prior to 60 days before the expiration date of the permit (F.A.C. Rule 17-4.090).

12. An application for an operation permit must be submitted to the Department's Southwest District office at least 90 days prior to the expiration date of this construction permit. To properly apply for an operation permit, the applicant shall submit the appropriate application form, fee, certification that construction was completed while noting any deviations from the conditions in the construction permit, and compliance test reports as required by this permit (F.A.C. Rules 17-4.055 and 17-4.220).

Issued this 2nd day
of January, 1993

**STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION**



Howard L. Rhodes
Director
Division of Air Resources
Management



State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

Interoffice Memorandum

TO: Howard Rhodes

FROM: Clair Fancy *ctf*

DATE: January 5, 1993

SUBJ: Approval of Construction Permit No. AC 41-218344
Chris Craft Boats

Attached for your approval and signature is a construction permit prepared by the Bureau of Air Regulation for the above referenced company to allow an increase in the permitted hours of operation, with no increase in allowable VOC emissions. A material balance scheme will be used to establish compliance with the allowable emissions, verifiable on a monthly basis.

Chris Craft Boats is an existing major facility and manufactures fiberglass boats. Wood is cut for the desired form, which is then framed in and laminated with fiberglass cloth and resin (gelcoat). VOCs are emitted during gelcoat application and curing. The facility is located at 8161 15th Street East, Sarasota, Florida.

There were no comments received during the public notice period.

I recommend your approval and signature.

HLR/BM/rbm

1-5-93
Clair,
FYI, edit, initials
No comment gks.
Hubs,
Ben

Check Sheet

Company Name: *Chris Craft Boats*
Permit Number: *AC 41-218344*
PSD Number:
County: *Manatee*
Permit Engineer:
Others involved:

Application:

- Initial Application
- Incompleteness Letters
- Responses
- Final Application (if applicable)
- Waiver of Department Action
- Department Response

Intent:

- Intent to Issue
- Notice to Public
- Technical Evaluation
- BACT Determination
- Unsigned Permit

Attachments:

-
-
-
- Correspondence with:
 - EPA
 - Park Services
 - County
 - Other
- Proof of Publication
- Petitions - (Related to extensions, hearings, etc.)

Final Determination:

- Final Determination
- Signed Permit
- BACT Determination

Post Permit Correspondence:

- Extensions
- Amendments/Modifications
- Response from EPA
- Response from County
- Response from Park Services

P 872 562 506



Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to Mr. Tim R. Reid	
Street and No. 8161 15th Street East	
P.O., State and ZIP Code Sarasota, FL 34243	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date AC 41-218344 Mailed: 12/08/93	

PS Form 3800, JUNE 1991

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- Addressee's Address
- Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Mr. Tim R. Reid
General Manager
Chris*Craft Boats, Inc.
8161 15th Street East
Sarasota, Florida 34243

4a. Article Number
P 872 562 506

4b. Service Type
 Registered Insured
 Certified COD
 Express Mail Return Receipt for Merchandise

7. Date of Delivery
12/10

5. Signature (Addressee)
[Signature]

8. Addressee's Address (Only if requested and fee is paid)

6. Signature (Agent)

Thank you for using Return Receipt Service.



Florida Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Virginia B. Wetherell
Secretary

December 6, 1993

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Tim R. Reid
General Manager
Chris*Craft Boats, Inc.
8161 15th Street East
Sarasota, Florida 34243

*OK
JH
12/7*

*OK
GRL
12/6*

Dear Mr. Reid:

RE: Proposed Modification to Exhaust Fans/Stack Heights
AC 41-218344

The Department received your November 9 letter requesting our concurrence with proposed modifications to the existing lamination building exhaust system as part of the current construction permit which expires on December 31, 1993. For reasons explained below, it appears that the proposed work will require a new permit.

Chris*Craft Boats received an after-the-fact construction permit in July of 1991 which required no modifications except for an exhaust system upgrade to 60,000 ACFM (AC 41-165851). A one-year extension to July 31, 1993, was granted for exhaust modifications after an April 1992 OSHA inspection showed styrene exposure violations. The permit was superseded by another permit (AC 41-218344) expiring on December 31, 1993, which was only for the purpose of increasing operating hours. Now, a request is being made proposing extensive exhaust modifications under an extension of the permit issued for the increase in operating hours.

Technically, authorization for exhaust modifications under the existing permit expired on July 31, 1993. Further, the work now proposed is considerably beyond the scope of the work initially contemplated. To properly review the proposed modifications and their impact on emissions and ambient concentrations, this project should go through the full permitting process. The \$50 permit extension fee you paid may be applied toward the application for the new construction permit.

Since you made a timely request for an extension, F.A.C. Rule 17-4.080 provides that AC 41-218344 will remain in effect until final agency action is taken. If you feel that the Department should not take this position, please respond in writing by January 7, 1994, stating all arguments supporting your position. If we do not receive a response by January 7, 1994, you will need to have

applied with the district office for your operation permit and a new construction permit covering the proposed modifications. If there are questions on the above, please call Preston Lewis or John Reynolds at 904-488-1344.

Sincerely,



C.H. Fancy, P.E.
Chief
Bureau of Air Regulation

CHF/JR/bb

c: B. Thomas, SWD
R. Baum, MCPCD



*Chris*Craft*

RECEIVED

NOV 12 1993

Division of Air
Resources Management

November 9, 1993

Mr. Bruce Mitchell
Air Section
Florida Department of
Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Re: Chris*Craft Boats, AC41-218344

Dear Mr. Mitchell:

The purpose of this letter is to update you on the status of the referenced Construction Permit. In addition, we are requesting an extension of the permit until June 1, 1994 so that necessary stack modifications can be completed and properly certified.

As we have discussed previously, the exhaust fans for the Lamination Building at Chris*Craft Boats were redirected to meet OSHA requirements. The facility has now addressed the OSHA concerns and has remodeled the Maximum Ambient Concentration (MAC) resulting from styrene emissions from the lamination building.

Chris*Craft proposes to modify the exhaust fans and stack heights as shown in Attachment A. As can be seen in the results of the ISCST Model (Attachment B, diskette), this exhaust configuration will result in compliance with the Florida Department of Environmental Protection Draft Air Toxic Guideline "No Threat Level" (NTL) for styrene, the target species.

Since the proposed facility modifications would represent a change in the exhaust configuration relative to the existing construction permit, we are submitting this package for your review and concurrence prior to physical modification of the exhausts. Chris*Craft is also presenting (Attachment C) a copy of the job award given to A&G Manufacturing Company of Sarasota to perform the work when approved by the FDEP.

The proposed stack exhaust point of 10.4 meters AGL has also required the preparation and filing of FAA Form 7460-1 requesting Federal Aviation Administration approval of the proposed stack heights. This filing has been made on a precautionary basis due to the proximity of the facility to the Sarasota/Bradenton airport. There is currently a water tower at the same height as

8161 15th Street East, Sarasota, Florida 34243
813-351-4900 FAX 813-351-8974

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Chris*Craft is a registered trademark of Chris*Craft Industries, Inc.

Mr. Bruce Mitchell
November 9, 1993
Page Two

the proposed stacks, and Chris*Craft does not foresee any problem with the FAA approval. A copy of the FAA filing is attached (Attachment D).

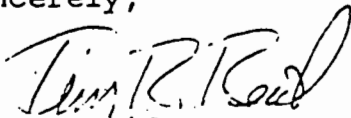
As you are aware, the expiration date for the reference permit is December 31, 1993. Although Chris*Craft believes that the exhaust system modifications can be made by that date, questions from the FDEP or FAA could result in a construction delay. Chris*Craft is therefore requesting an extension of time for construction permit AC41-218344 until June 1, 1994. (A check in the amount of Fifty Dollars (\$50.00) is enclosed to cover the cost of processing said extension.) This would allow sufficient time for the required Agency approvals, physical modifications, and submission of the COCOC sufficiently in advance of the "90 days prior to expiration" date of Specific Condition #12. The extension would also allow normal processing by the Agency.

The proposed exhaust configuration results in MAC estimates below the construction permit values. When continuous emissions (24 hour/day) are used as model input parameters with minor throughput reductions, then NTL is still not exceeded. Chris*Craft is therefore reviewing the desirability of modifying the permit as part of the COCOC process to slightly reduce maximum throughput and remove the current operation hour restrictions.

If you have any questions, please do not hesitate to contact Tom John, P.E. at 813-985-7881 or Dave Marvel, of my staff, or myself at 813-351-4900.

Thank you for your continued assistance.

Sincerely,



Tim R. Reid
General Manager

TRR/kad

Enclosure
Attachments

cc: C. Fancy (without Attachment B)
T. John (without Attachment B)
L. Keller (without Attachment B)
D. Marvel (without Attachment B)
R. Mellburg (without Attachment B)

J. Reynolds
C. Holladay
B. Thomas, 6340 Ditch



*Chris*Craft®*

November 9, 1993

Mr. Bruce Mitchell
Air Section
Florida Department of
Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2400

RECEIVED

NOV 12 1993

Division of Air
Resources Management

Re: Chris*Craft Boats, AC41-218344

Dear Mr. Mitchell:

The purpose of this letter is to update you on the status of the referenced Construction Permit. In addition, we are requesting an extension of the permit until June 1, 1994 so that necessary stack modifications can be completed and properly certified.

As we have discussed previously, the exhaust fans for the Lamination Building at Chris*Craft Boats were redirected to meet OSHA requirements. The facility has now addressed the OSHA concerns and has remodeled the Maximum Ambient Concentration (MAC) resulting from styrene emissions from the lamination building.

Chris*Craft proposes to modify the exhaust fans and stack heights as shown in Attachment A. As can be seen in the results of the ISCST Model (Attachment B, diskette), this exhaust configuration will result in compliance with the Florida Department of Environmental Protection Draft Air Toxic Guideline "No Threat Level" (NTL) for styrene, the target species.

Since the proposed facility modifications would represent a change in the exhaust configuration relative to the existing construction permit, we are submitting this package for your review and concurrence prior to physical modification of the exhausts. Chris*Craft is also presenting (Attachment C) a copy of the job award given to A&G Manufacturing Company of Sarasota to perform the work when approved by the FDEP.

The proposed stack exhaust point of 10.4 meters AGL has also required the preparation and filing of FAA Form 7460-1 requesting Federal Aviation Administration approval of the proposed stack heights. This filing has been made on a precautionary basis due to the proximity of the facility to the Sarasota/Bradenton airport. There is currently a water tower at the same height as

8161 15th Street East, Sarasota, Florida 34243
813-351-4900 FAX 813-351-8974

OMCCC, INC. A subsidiary of Outboard Marine Corporation.
Chris-Craft is a registered trademark of Chris-Craft Industries, Inc.

Mr. Bruce Mitchell
November 9, 1993
Page Two

the proposed stacks, and Chris*Craft does not foresee any problem with the FAA approval. A copy of the FAA filing is attached (Attachment D).

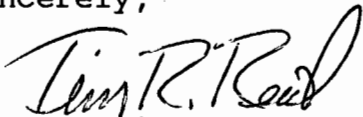
As you are aware, the expiration date for the reference permit is December 31, 1993. Although Chris*Craft believes that the exhaust system modifications can be made by that date, questions from the FDEP or FAA could result in a construction delay. Chris*Craft is therefore requesting an extension of time for construction permit AC41-218344 until June 1, 1994. (A check in the amount of Fifty Dollars (\$50.00) is enclosed to cover the cost of processing said extension.) This would allow sufficient time for the required Agency approvals, physical modifications, and submission of the COCOC sufficiently in advance of the "90 days prior to expiration" date of Specific Condition #12. The extension would also allow normal processing by the Agency.

The proposed exhaust configuration results in MAC estimates below the construction permit values. When continuous emissions (24 hour/day) are used as model input parameters with minor throughput reductions, then NTL is still not exceeded. Chris*Craft is therefore reviewing the desirability of modifying the permit as part of the COCOC process to slightly reduce maximum throughput and remove the current operation hour restrictions.

If you have any questions, please do not hesitate to contact Tom John, P.E. at 813-985-7881 or Dave Marvel, of my staff, or myself at 813-351-4900.

Thank you for your continued assistance.

Sincerely,



Tim R. Reid
General Manager

TRR/kad

Enclosure
Attachments

cc: C. Fancy (without Attachment B)
T. John (without Attachment B)
L. Keller (without Attachment B)
D. Marvel (without Attachment B)
R. Mellburg (without Attachment B)

J. Reynolds
C. Holladay
B. Thomas, sw Test,

November 12, 1993

Mr. Tim Reid
Chris Craft Boats, Inc.
8161 15th Street East
Sarasota, Florida 34243

Dear Mr. Reid:

In response to OSHA related concerns about worker styrene exposure levels at the Chris Craft Boats facility, the flow of the five large fans in the ceiling of the lamination building was redirected into the building rather than outward as was described in the original FDEP Air Construction Permit application.

To provide sufficient dispersion, Chris Craft Boats has committed to modifying the existing exhaust fans currently on the south side of the lamination building.

To evaluate the resultant dispersion, ISCST computer modelling was performed on the facility using the parameters of the proposed wall exhaust fans to predict the Maximum Ambient Concentration (MAC) of styrene for comparison to the FDEP "No Threat Level" (NTL). The complete model printout is presented as "Attachment A", and a disk with the input and output files for submission to FDEP is also provided.

An addition to the existing lamination building roof would extend the south edge of the roof approximately on third of the way to the existing Assembly Building. Therefore, for model purposes, a "resultant building" encompassing the boundaries of both structures was utilized. A "lip" along the western edge of the Assembly Building, originally placed for aesthetics, was not considered to be a "controlling tier" for building height determination, which was made by actual measurement.

The exhaust stack heights will be 34 feet above ground level (AGL), and the appropriate Notification Form has been filed with the F.A.A. (see Attachment B). The exhaust velocity for each of the 30 inch diameter fans will be 50.8 feet/sec (15.5 m/s) as calculated at stack exit with "dirty" inlet filters.

Styrene emissions resulting from the full permitted capacity of the lamination operation were apportioned equally among the proposed stacks. The styrene emission rate in the current construction permit is 69.9 lbs/hr, or 8.81 g/sec. In the original application, the "lbs/hr" value was obtained by dividing the worst case annual estimated tons/yr emissions by the lamination operating hours. To conform to the existing permit values, the model emission rate was maintained at 8.81 g/sec. It is important to note that this emission rate could not be maintained continuously without exceeding the permitted annual styrene emission limitation.

The determination of 69.9 lbs/hr of styrene emission was based on the maximum anticipated styrene content and the maximum of the emission factor range, again providing a conservative "worst case" value for modelling purposes.

The previously submitted ISCST model assumed that styrene emissions were non-continuous at 69.9 lbs/hr. Although the lamination operations are in fact non-continuous, with no lamination during the three shift changes and their respective "lunch" breaks, to provide added operating flexibility the current model does not include specific "reduced emission" periods. No operational breaks (as currently exist in the construction permit) were included in the model; continuous operations, 24 hours per day were assumed.

Review of the model results indicate that the 8-hour average NTL will be met by the proposed exhaust system. The 24 hour average MAC shows two instances of predicted values marginally above (by approximately 7%) the NTL guidelines of 512 micrograms per cubic meter. The area of interest is an isolated area to the West of the lamination and assembly buildings, extending approximately 20 meters from the property edge. In previous discussions with FDEP, we noted that the property West of the facility is comprised of U.S. 301 and the Sarasota-Bradenton Airport, and that individual exposures consistent with the development of the "512" value for the NTL were not possible at these points. The Department agreed. Further, the "second highest" 24 hour average values at these points are well within the 24 hour NTL, indicating that the higher values are not continuously maintained.

In summary, the conservative nature of the modelling approach, in view of the worst-case assumptions and discussions presented may be assumed to provide the Department with the "reasonable assurance" required by the Department that the source when operating under actual conditions should not adversely impact the health or welfare of the general population.

If you have any questions or if I can provide additional information, please contact me at my office.

Sincerely,



Tom T. John, P.E.

enc. w/ cc: L. Keller, file

ATTACHMENT A

1

ISCST

(DATED 88348)

PROCESS BEGINS AT: 17: 9:35

DATE: 11/ 2/1993

NOTE THAT THE BUILDING DIMENSIONS ON CARD 6,1 FOR SOURCE NO. 1 DO NOT MEET THE SCHULMAN-SCIRE CRITERIA.
THEREFORE, DIRECTION SPECIFIC BUILDING DIMENSIONS WILL NOT BE USED BY THE MODEL.

NOTE THAT THE BUILDING DIMENSIONS ON CARD 6,1 FOR SOURCE NO. 2 DO NOT MEET THE SCHULMAN-SCIRE CRITERIA.
THEREFORE, DIRECTION SPECIFIC BUILDING DIMENSIONS WILL NOT BE USED BY THE MODEL.

NOTE THAT THE BUILDING DIMENSIONS ON CARD 6,1 FOR SOURCE NO. 3 DO NOT MEET THE SCHULMAN-SCIRE CRITERIA.
THEREFORE, DIRECTION SPECIFIC BUILDING DIMENSIONS WILL NOT BE USED BY THE MODEL.

NOTE THAT THE BUILDING DIMENSIONS ON CARD 6,1 FOR SOURCE NO. 4 DO NOT MEET THE SCHULMAN-SCIRE CRITERIA.
THEREFORE, DIRECTION SPECIFIC BUILDING DIMENSIONS WILL NOT BE USED BY THE MODEL.

NOTE THAT THE BUILDING DIMENSIONS ON CARD 6,1 FOR SOURCE NO. 5 DO NOT MEET THE SCHULMAN-SCIRE CRITERIA.
THEREFORE, DIRECTION SPECIFIC BUILDING DIMENSIONS WILL NOT BE USED BY THE MODEL.

NOTE THAT THE BUILDING DIMENSIONS ON CARD 6,1 FOR SOURCE NO. 6 DO NOT MEET THE SCHULMAN-SCIRE CRITERIA.
THEREFORE, DIRECTION SPECIFIC BUILDING DIMENSIONS WILL NOT BE USED BY THE MODEL.

NOTE THAT THE BUILDING DIMENSIONS ON CARD 6,1 FOR SOURCE NO. 7 DO NOT MEET THE SCHULMAN-SCIRE CRITERIA.
THEREFORE, DIRECTION SPECIFIC BUILDING DIMENSIONS WILL NOT BE USED BY THE MODEL.

NOTE THAT THE BUILDING DIMENSIONS ON CARD 6,1 FOR SOURCE NO. 8 DO NOT MEET THE SCHULMAN-SCIRE CRITERIA.
THEREFORE, DIRECTION SPECIFIC BUILDING DIMENSIONS WILL NOT BE USED BY THE MODEL.

1

*** CCBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops

CALCULATE (CONCENTRATION=1,DEPOSITION=2)	ISW(1) = 1
RECEPTOR GRID SYSTEM (RECTANGULAR=1 OR 3, POLAR=2 OR 4)	ISW(2) = 3
DISCRETE RECEPTOR SYSTEM (RECTANGULAR=1,POLAR=2)	ISW(3) = 1
TERRAIN ELEVATIONS ARE READ (YES=1,NO=0)	ISW(4) = 0
CALCULATIONS ARE WRITTEN TO TAPE (YES=1,NO=0)	ISW(5) = 0
LIST ALL INPUT DATA (NO=0,YES=1,MET DATA ALSO=2)	ISW(6) = 1

COMPUTE AVERAGE CONCENTRATION (OR TOTAL DEPOSITION)

WITH THE FOLLOWING TIME PERIODS:

HOURLY (YES=1,NO=0)	ISW(7) = 0
2-HOUR (YES=1,NO=0)	ISW(8) = 0
3-HOUR (YES=1,NO=0)	ISW(9) = 0
4-HOUR (YES=1,NO=0)	ISW(10) = 0
6-HOUR (YES=1,NO=0)	ISW(11) = 0
8-HOUR (YES=1,NO=0)	ISW(12) = 1
12-HOUR (YES=1,NO=0)	ISW(13) = 0
24-HOUR (YES=1,NO=0)	ISW(14) = 1
PRINT 'N'-DAY TABLE(S) (YES=1,NO=0)	ISW(15) = 0

PRINT THE FOLLOWING TYPES OF TABLES WHOSE TIME PERIODS ARE SPECIFIED BY ISW(7) THROUGH ISW(14):

DAILY TABLES (YES=1,NO=0)	ISW(16) = 0
HIGHEST & SECOND HIGHEST TABLES (YES=1,NO=0)	ISW(17) = 1
MAXIMUM 50 TABLES (YES=1,NO=0)	ISW(18) = 0
METEOROLOGICAL DATA INPUT METHOD (PRE-PROCESSED=1,CARD=2)	ISW(19) = 1
RURAL-URBAN OPTION (RU.=0,UR. MODE 1=1,UR. MODE 2=2,UR. MODE 3=3)	ISW(20) = 0
WIND PROFILE EXPONENT VALUES (DEFAULTS=1,USER ENTERS=2,3)	ISW(21) = 1
VERTICAL POT. TEMP. GRADIENT VALUES (DEFAULTS=1,USER ENTERS=2,3)	ISW(22) = 1
SCALE EMISSION RATES FOR ALL SOURCES (NO=0,YES>0)	ISW(23) = 3
PROGRAM CALCULATES FINAL PLUME RISE ONLY (YES=1,NO=2)	ISW(24) = 1
PROGRAM ADJUSTS ALL STACK HEIGHTS FOR DOWNWASH (YES=2,NO=1)	ISW(25) = 2
PROGRAM USES BUOYANCY INDUCED DISPERSION (YES=1,NO=2)	ISW(26) = 1
CONCENTRATIONS DURING CALM PERIODS SET = 0 (YES=1,NO=2)	ISW(27) = 1
REG. DEFAULT OPTION CHOSEN (YES=1,NO=2)	ISW(28) = 1
TYPE OF POLLUTANT TO BE MODELLED (1=SO2,2=OTHER)	ISW(29) = 2
DETRC OPTION CHOSEN (YES=1,NO=2)	ISW(30) = 2

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

1

*** CCBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops ***

*** X-COORDINATES OF RECTANGULAR GRID SYSTEM ***
(METERS)

-120.0, -100.0, -80.0,

*** Y-COORDINATES OF RECTANGULAR GRID SYSTEM ***
(METERS)

-220.0, -200.0, -180.0, -160.0, -140.0, -120.0, -100.0, -80.0, -60.0, -40.0,
-20.0, .0, 20.0, 40.0, 60.0, 80.0, 100.0, 120.0,

*** X,Y COORDINATES OF DISCRETE RECEPTORS ***
(METERS)

(60.0, -60.0), (60.0, -40.0), (60.0, -20.0), (60.0, .0), (60.0, 20.0),
(60.0, 40.0), (60.0, 60.0), (60.0, 80.0), (60.0, 100.0), (60.0, 120.0),
(60.0, 140.0), (60.0, 160.0), (60.0, 180.0), (60.0, 200.0), (60.0, 220.0),
(-160.0, -60.0), (-160.0, -40.0), (-160.0, -20.0), (-160.0, .0), (-160.0, 20.0),
(-160.0, 40.0), (-160.0, 60.0), (-160.0, 80.0), (-160.0, 100.0), (-160.0, 120.0),
(-160.0, 140.0), (-160.0, 160.0), (-160.0, 180.0), (-160.0, 200.0), (-160.0, 220.0),
(80.0, -60.0), (80.0, -40.0), (80.0, -20.0), (80.0, .0), (80.0, 20.0),
(80.0, 40.0), (80.0, 60.0), (80.0, 80.0), (80.0, 100.0), (80.0, 120.0),
(80.0, 140.0), (80.0, 160.0), (80.0, 180.0), (80.0, 200.0), (80.0, 220.0),
(-180.0, -60.0), (-180.0, -40.0), (-180.0, -20.0), (-180.0, .0), (-180.0, 20.0),
(-180.0, 40.0), (-180.0, 60.0), (-180.0, 80.0), (-180.0, 100.0), (-180.0, 120.0),
(-180.0, 140.0), (-180.0, 160.0), (-180.0, 180.0), (-180.0, 200.0), (-180.0, 220.0),
(100.0, -60.0), (100.0, -40.0), (100.0, -20.0), (100.0, .0), (100.0, 20.0),
(100.0, 40.0), (100.0, 60.0), (100.0, 80.0), (100.0, 100.0), (100.0, 120.0),
(100.0, 140.0), (100.0, 160.0), (100.0, 180.0), (100.0, 200.0), (100.0, 220.0),
(-200.0, -60.0), (-200.0, -40.0), (-200.0, -20.0), (-200.0, .0), (-200.0, 20.0),
(-200.0, 40.0), (-200.0, 60.0), (-200.0, 80.0), (-200.0, 100.0), (-200.0, 120.0),
(-200.0, 140.0), (-200.0, 160.0), (-200.0, 180.0), (-200.0, 200.0), (-200.0, 220.0),
(120.0, -60.0), (120.0, -40.0), (120.0, -20.0), (120.0, .0), (120.0, 20.0),
(120.0, 40.0), (120.0, 60.0), (120.0, 80.0), (120.0, 100.0), (120.0, 120.0),
(120.0, 140.0), (120.0, 160.0), (120.0, 180.0), (120.0, 200.0), (120.0, 220.0),
(-220.0, -60.0), (-220.0, -40.0), (-220.0, -20.0), (-220.0, .0), (-220.0, 20.0),
(-220.0, 40.0), (-220.0, 60.0), (-220.0, 80.0), (-220.0, 100.0), (-220.0, 120.0),
(-220.0, 140.0), (-220.0, 160.0), (-220.0, 180.0), (-220.0, 200.0), (-220.0, 220.0),
(

1

*** CCBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops ***

*** SOURCE DATA ***

SOURCE NUMBER	P K E E	PART. CATS.	EMISSION RATE		X (METERS)	Y (METERS)	BASE ELEV. (METERS)	HEIGHT (METERS)	TEMP.	EXIT VEL.	BLDG. HEIGHT (METERS)	BLDG. LENGTH (METERS)	BLDG. WIDTH (METERS)	
			TYPE=0,1 (GRAMS/SEC)	TYPE=2 (GRAMS/SEC)					(DEG.K);	(M/SEC);				
1	0	0	0	.11000E+01	-13.0	.0	.0	10.80	298.00	15.50	.76	7.00	114.00	111.00
2	0	0	0	.11000E+01	5.1	.0	.0	10.80	298.00	15.50	.76	7.00	114.00	111.00
3	0	0	0	.11000E+01	9.0	.0	.0	10.80	298.00	15.50	.76	7.00	114.00	111.00
4	0	0	0	.11000E+01	14.0	.0	.0	10.80	298.00	15.50	.76	7.00	114.00	111.00
5	0	0	0	.11000E+01	20.0	.0	.0	10.80	298.00	15.50	.76	7.00	114.00	111.00
6	0	0	0	.11000E+01	25.0	.0	.0	10.80	298.00	15.50	.76	7.00	114.00	111.00
7	0	0	0	.11000E+01	37.0	.0	.0	10.80	298.00	15.50	.76	7.00	114.00	111.00
8	0	0	0	.11000E+01	41.0	.0	.0	10.80	298.00	15.50	.76	7.00	114.00	111.00

1

*** CCBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops ***

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

* FOR ALL SOURCES *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.10000E+01	20	.10000E+01	21	.10000E+01	22	.10000E+01	23	.10000E+01	24	.10000E+01

*** CCBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops ***

* SOURCE-RECEPTOR COMBINATIONS LESS THAN 001 METERS OR THREE BUILDING HEIGHTS IN DISTANCE. NO AVERAGE CONCENTRATION IS CALCULATED *

- - RECEPTOR LOCATION - -			
SOURCE NUMBER	X OR RANGE (METERS)	Y (METERS) OR DIRECTION (DEGREES)	DISTANCE BETWEEN (METERS)
8	60.0	.0	19.00

1

HIGH

SGROUP# 1

*** CCBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops ***

* HIGHEST 8-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 775.33090 AND OCCURRED AT (-80.0, -80.0) *

Y-AXIS / X-AXIS (METERS)
(METERS) / -120.0 -100.0 -80.0

120.0 /	705.72220 (72, 1)	678.80160 (72, 1)	538.05270 (330, 1)
100.0 /	670.97960 (69, 2)	770.28330 (72, 1)	728.61580 (72, 1)
80.0 /	548.35310 (69, 2)	717.44050 (69, 2)	775.15380 (72, 1)
60.0 /	504.38930 (333, 1)	531.97380 (68, 2)	666.06760 (69, 2)
40.0 /	667.95980 (333, 1)	673.68300 (333, 1)	585.03910 (333, 1)
20.0 /	578.05800 (94, 3)	630.95120 (333, 1)	693.07910 (333, 1)
.0 /	708.88030 (94, 3)	740.38510 (94, 3)	756.00010 (94, 3)
-20.0 /	644.46490 (332, 3)	718.77660 (332, 3)	740.70060 (332, 3)
-40.0 /	627.48880 (356, 3)	578.02490 (356, 3)	514.99930 (318, 3)
-60.0 /	519.23310 (318, 3)	630.10930 (318, 3)	749.60700 (318, 1)
-80.0 /	654.22960 (318, 1)	698.73910 (340, 3)	775.33090 (340, 3)
-100.0 /	717.14400 (340, 3)	702.13030 (340, 3)	525.55270 (340, 2)
-120.0 /	616.99470 (340, 3)	476.85960 (340, 2)	660.88020 (339, 2)
-140.0 /	428.89640 (340, 2)	603.22050 (339, 2)	733.92860 (301, 2)
-160.0 /	552.58830 (339, 2)	623.57710 (301, 2)	727.35490 (301, 2)
-180.0 /	579.42140 (339, 2)	660.26310 (301, 2)	639.93070 (301, 2)
-200.0 /	576.33830 (301, 2)	623.05070 (301, 2)	512.37230 (301, 2)
-220.0 /	573.52440 (301, 2)	541.48870 (301, 2)	382.41500 (301, 2)

1

HIGH
8-HR

SGROUP# 1

*** CCBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops ***

* HIGHEST 8-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE DISCRETE RECEPTOR POINTS *

- X - - Y - CON. (DAY,PER.) - X - - Y - CON. (DAY,PER.)

60.0	-60.0	397.17190 (27, 3)	60.0	-40.0	382.74490 (112, 2)
60.0	-20.0	383.84340 (65, 2)	60.0	.0	406.11550 (99, 1)
60.0	20.0	439.09800 (58, 2)	60.0	40.0	406.57900 (58, 2)
60.0	60.0	291.76710 (41, 2)	60.0	80.0	347.20970 (41, 2)
60.0	100.0	361.97520 (352, 2)	60.0	120.0	377.83960 (79, 2)
60.0	140.0	392.81600 (79, 2)	60.0	160.0	382.61130 (79, 2)
60.0	180.0	363.92490 (37, 2)	60.0	200.0	341.09530 (37, 2)
60.0	220.0	318.19270 (346, 2)	-160.0	-60.0	543.81490 (260, 2)
-160.0	-40.0	563.66390 (332, 3)	-160.0	-20.0	534.45280 (314, 2)
-160.0	.0	636.40940 (94, 3)	-160.0	20.0	598.45210 (94, 3)
-160.0	40.0	573.69600 (333, 1)	-160.0	60.0	574.55530 (333, 1)

-160.0	80.0	427.31260	(134, 2)	-160.0	100.0	430.48540	(68, 2)
-160.0	120.0	546.00850	(69, 2)	-160.0	140.0	543.60260	(77, 3)
-160.0	160.0	590.85520	(77, 3)	-160.0	180.0	504.99260	(72, 1)
-160.0	200.0	379.20870	(72, 1)	-160.0	220.0	349.60120	(330, 1)
80.0	-60.0	520.96590	(112, 2)	80.0	-40.0	474.31910	(20, 2)
80.0	-20.0	534.68690	(106, 2)	80.0	.0	583.58430	(99, 1)
80.0	20.0	629.01810	(98, 3)	80.0	40.0	707.75830	(58, 2)
80.0	60.0	365.76700	(58, 2)	80.0	80.0	316.05830	(63, 2)
80.0	100.0	353.68100	(35, 2)	80.0	120.0	377.60880	(10, 2)
80.0	140.0	373.76400	(214, 2)	80.0	160.0	370.35000	(214, 2)
80.0	180.0	351.68940	(321, 2)	80.0	200.0	348.18250	(37, 2)
80.0	220.0	345.71530	(37, 2)	-180.0	-60.0	526.17800	(260, 2)
-180.0	-40.0	538.74130	(332, 3)	-180.0	-20.0	538.86710	(314, 2)
-180.0	.0	597.78280	(94, 3)	-180.0	20.0	591.45720	(94, 3)
-180.0	40.0	516.01150	(333, 1)	-180.0	60.0	542.37490	(333, 1)
-180.0	80.0	461.52570	(333, 1)	-180.0	100.0	409.79250	(68, 2)
-180.0	120.0	443.43550	(69, 2)	-180.0	140.0	502.11910	(69, 2)
-180.0	160.0	537.44700	(77, 3)	-180.0	180.0	551.13100	(77, 3)
-180.0	200.0	467.37760	(72, 1)	-180.0	220.0	363.39470	(72, 1)
100.0	-60.0	556.74630	(112, 2)	100.0	-40.0	568.08260	(20, 2)
100.0	-20.0	582.18880	(106, 2)	100.0	.0	680.83730	(184, 2)
100.0	20.0	592.43420	(98, 3)	100.0	40.0	709.41680	(58, 2)
100.0	60.0	635.35270	(58, 2)	100.0	80.0	347.89900	(111, 2)
100.0	100.0	343.40760	(63, 2)	100.0	120.0	345.23240	(35, 2)
100.0	140.0	379.71040	(10, 2)	100.0	160.0	352.01020	(10, 2)
100.0	180.0	343.00350	(214, 2)	100.0	200.0	326.78750	(214, 2)
100.0	220.0	321.76910	(321, 2)	-200.0	-60.0	486.94480	(260, 2)

1

HIGH
8-HR

SGROUP# 1

*** CCBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops ***

* HIGHEST 8-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE DISCRETE RECEPTOR POINTS *

- X -	- Y -	CON.	(DAY, PER.)	- X -	- Y -	CON.	(DAY, PER.)
-200.0	-40.0	489.37500	(332, 3)	-200.0	-20.0	530.71770	(314, 2)
-200.0	.0	558.28020	(94, 3)	-200.0	20.0	576.77120	(94, 3)
-200.0	40.0	456.59310	(333, 1)	-200.0	60.0	500.43160	(333, 1)
-200.0	80.0	472.18720	(333, 1)	-200.0	100.0	439.30670	(343, 1)
-200.0	120.0	366.19900	(68, 2)	-200.0	140.0	445.46330	(69, 2)
-200.0	160.0	461.47740	(69, 2)	-200.0	180.0	520.31430	(77, 3)
-200.0	200.0	511.46150	(77, 3)	-200.0	220.0	433.22960	(72, 1)
120.0	-60.0	588.55740	(20, 2)	120.0	-40.0	674.38890	(65, 2)
120.0	-20.0	691.09590	(358, 2)	120.0	.0	725.93350	(184, 2)
120.0	20.0	476.92080	(62, 2)	120.0	40.0	740.11120	(98, 3)
120.0	60.0	717.43760	(58, 2)	120.0	80.0	521.87980	(58, 2)
120.0	100.0	352.58950	(63, 2)	120.0	120.0	330.58740	(63, 2)
120.0	140.0	313.84390	(35, 2)	120.0	160.0	334.94900	(10, 2)
120.0	180.0	346.90280	(10, 2)	120.0	200.0	343.59440	(185, 2)
120.0	220.0	311.66750	(185, 2)	-200.0	-60.0	486.94480	(260, 2)
-220.0	-40.0	435.50700	(332, 3)	-220.0	-20.0	514.91090	(314, 2)
-220.0	.0	523.33620	(314, 2)	-220.0	20.0	558.14280	(94, 3)
-220.0	40.0	412.95590	(327, 2)	-220.0	60.0	457.85410	(333, 1)

-220.0	80.0	462.47030	(333, 1)	-220.0	100.0	424.65010	(343, 1)
-220.0	120.0	397.73700	(343, 1)	-220.0	140.0	357.99130	(69, 2)
-220.0	160.0	431.68150	(69, 2)	-220.0	180.0	424.71030	(357, 2)
-220.0	200.0	497.16260	(77, 3)	-220.0	220.0	474.95510	(77, 3)

1
HIGH

2ND

8-HR

SGROUP# 1

*** CCBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops ***

* SECOND HIGHEST 8-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 700.18270 AND OCCURRED AT (-80.0, -80.0) *

Y-AXIS / (METERS) /	-120.0	-100.0	X-AXIS (METERS) -80.0
120.0 /	656.01230 (77, 3)	552.00150 (77, 3)	479.32880 (78, 1)
100.0 /	602.38730 (357, 2)	670.74940 (77, 3)	571.03980 (77, 3)
80.0 /	489.62010 (68, 2)	619.46580 (357, 2)	684.03860 (69, 2)
60.0 /	494.80650 (134, 2)	525.34070 (134, 2)	559.81040 (357, 2)
40.0 /	510.30260 (315, 2)	497.40400 (147, 2)	470.67220 (134, 2)
20.0 /	559.19170 (333, 1)	548.56470 (94, 3)	496.85390 (94, 3)
.0 /	673.80040 (314, 2)	677.82270 (314, 2)	655.96630 (314, 2)
-20.0 /	470.96330 (318, 2)	561.62300 (356, 3)	673.06150 (356, 3)
-40.0 /	563.63180 (258, 2)	522.79190 (258, 2)	514.33140 (356, 2)
-60.0 /	512.00680 (89, 2)	616.98720 (356, 2)	657.21130 (356, 2)
-80.0 /	599.25060 (292, 2)	690.06750 (318, 1)	700.18270 (340, 2)
-100.0 /	613.39530 (340, 2)	629.38850 (340, 2)	492.91180 (339, 2)
-120.0 /	551.28870 (340, 2)	456.35280 (317, 3)	612.94230 (301, 2)
-140.0 /	424.58280 (317, 3)	495.97200 (301, 2)	623.35390 (339, 2)
-160.0 /	425.36830 (290, 2)	607.13650 (339, 2)	483.90750 (339, 2)
-180.0 /	519.97550 (301, 2)	514.77920 (339, 2)	424.26730 (12, 2)
-200.0 /	517.84830 (339, 2)	401.10480 (12, 2)	363.34880 (12, 2)
-220.0 /	420.39570 (339, 2)	365.96560 (12, 2)	291.09550 (12, 2)

1
HIGH

2ND

SGROUP# 1

*** CCBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops

* SECOND HIGHEST 8-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
 * FROM ALL SOURCES *
 * FOR THE DISCRETE RECEPTOR POINTS *

- X -	- Y -	CON.	(DAY, PER.)	- X -	- Y -	CON.	(DAY, PER.)
60.0	-60.0	362.14800	(112, 2)	60.0	-40.0	354.41020	(60, 2)
60.0	-20.0	349.94760	(106, 2)	60.0	.0	353.66830	(184, 2)
60.0	20.0	398.07470	(98, 3)	60.0	40.0	285.89140	(58, 3)
60.0	60.0	260.98660	(48, 2)	60.0	80.0	334.27070	(10, 2)
60.0	100.0	332.90580	(79, 2)	60.0	120.0	345.23660	(214, 2)
60.0	140.0	370.29800	(37, 2)	60.0	160.0	376.97190	(37, 2)
60.0	180.0	355.78580	(79, 2)	60.0	200.0	324.85270	(79, 2)
60.0	220.0	314.56840	(37, 2)	-160.0	-60.0	515.47060	(258, 2)
-160.0	-40.0	546.46890	(356, 3)	-160.0	-20.0	497.66780	(332, 3)
-160.0	.0	625.70780	(314, 2)	-160.0	20.0	565.65820	(311, 3)
-160.0	40.0	521.91480	(315, 2)	-160.0	60.0	441.46530	(315, 2)
-160.0	80.0	422.31760	(343, 1)	-160.0	100.0	409.73890	(69, 2)
-160.0	120.0	481.11200	(328, 2)	-160.0	140.0	522.12020	(72, 1)
-160.0	160.0	573.06650	(72, 1)	-160.0	180.0	465.33030	(77, 3)
-160.0	200.0	322.55730	(225, 1)	-160.0	220.0	345.11940	(225, 1)
80.0	-60.0	462.99890	(60, 2)	80.0	-40.0	467.47890	(112, 2)
80.0	-20.0	513.36750	(65, 2)	80.0	.0	553.32240	(184, 2)
80.0	20.0	400.02060	(58, 2)	80.0	40.0	438.13320	(58, 3)
80.0	60.0	321.14520	(58, 3)	80.0	80.0	307.39030	(35, 2)
80.0	100.0	342.54180	(10, 2)	80.0	120.0	341.62230	(35, 2)
80.0	140.0	334.90740	(352, 2)	80.0	160.0	335.99110	(321, 2)
80.0	180.0	344.67310	(214, 2)	80.0	200.0	344.84000	(321, 2)
80.0	220.0	323.89930	(321, 2)	-180.0	-60.0	508.15050	(258, 2)
-180.0	-40.0	511.88410	(258, 2)	-180.0	-20.0	435.70290	(332, 3)
-180.0	.0	592.41630	(314, 2)	-180.0	20.0	555.77080	(311, 3)
-180.0	40.0	487.05690	(315, 2)	-180.0	60.0	454.13550	(315, 2)
-180.0	80.0	375.69940	(343, 1)	-180.0	100.0	402.31290	(343, 1)
-180.0	120.0	398.45890	(328, 2)	-180.0	140.0	459.65260	(357, 2)
-180.0	160.0	498.65780	(72, 1)	-180.0	180.0	525.22390	(72, 1)
-180.0	200.0	433.50700	(77, 3)	-180.0	220.0	297.72560	(225, 1)
100.0	-60.0	408.55130	(20, 2)	100.0	-40.0	559.04380	(65, 2)
100.0	-20.0	494.48910	(358, 2)	100.0	.0	634.97750	(99, 1)
100.0	20.0	408.32540	(105, 3)	100.0	40.0	526.71640	(98, 3)
100.0	60.0	467.63190	(58, 3)	100.0	80.0	342.43310	(63, 2)
100.0	100.0	310.70520	(35, 2)	100.0	120.0	325.49100	(10, 2)
100.0	140.0	335.60080	(35, 2)	100.0	160.0	341.25150	(352, 2)
100.0	180.0	317.87220	(352, 2)	100.0	200.0	314.48430	(321, 2)
100.0	220.0	300.26690	(214, 2)	-200.0	-60.0	486.01730	(258, 2)

1
HIGH

2ND

8-HR

SGROUP# 1

*** CCBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops

* SECOND HIGHEST 8-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
 * FROM ALL SOURCES *
 * FOR THE DISCRETE RECEPTOR POINTS *

- X -	- Y -	CON.	(DAY, PER.)	- X -	- Y -	CON.	(DAY, PER.)
-200.0	-40.0	473.57400	(258, 2)	-200.0	-20.0	383.50330	(332, 3)
-200.0	.0	557.65190	(314, 2)	-200.0	20.0	534.50210	(311, 3)
-200.0	40.0	442.48710	(315, 2)	-200.0	60.0	446.26510	(315, 2)
-200.0	80.0	343.46650	(315, 2)	-200.0	100.0	362.81780	(68, 2)
-200.0	120.0	336.05640	(134, 2)	-200.0	140.0	386.12230	(328, 2)
-200.0	160.0	446.12920	(357, 2)	-200.0	180.0	474.17900	(72, 1)
-200.0	200.0	484.64150	(72, 1)	-200.0	220.0	404.15750	(77, 3)
120.0	-60.0	469.66190	(112, 2)	120.0	-40.0	612.69920	(106, 2)
120.0	-20.0	542.00020	(19, 2)	120.0	.0	614.48280	(99, 1)
120.0	20.0	415.22170	(98, 2)	120.0	40.0	482.51180	(58, 2)
120.0	60.0	449.85200	(58, 3)	120.0	80.0	422.85000	(58, 3)
120.0	100.0	347.74050	(111, 2)	120.0	120.0	287.84710	(35, 2)
120.0	140.0	268.42110	(10, 2)	120.0	160.0	311.77340	(185, 2)
120.0	180.0	346.55120	(185, 2)	120.0	200.0	336.98880	(352, 2)
120.0	220.0	298.77270	(352, 2)	-200.0	-60.0	486.01730	(258, 2)
-220.0	-40.0	433.32210	(258, 2)	-220.0	-20.0	342.67230	(69, 1)
-220.0	.0	521.25310	(94, 3)	-220.0	20.0	508.04630	(311, 3)
-220.0	40.0	409.81020	(311, 3)	-220.0	60.0	424.77500	(315, 2)
-220.0	80.0	352.09680	(315, 2)	-220.0	100.0	375.06450	(333, 1)
-220.0	120.0	344.67820	(68, 2)	-220.0	140.0	320.05950	(328, 2)
-220.0	160.0	385.05490	(357, 2)	-220.0	180.0	421.25480	(69, 2)
-220.0	200.0	447.55970	(72, 1)	-220.0	220.0	447.21060	(72, 1)

1

HIGH
24-HR

SGROUP# 1

*** CCBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
 * FROM ALL SOURCES *
 * FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 542.75320 AND OCCURRED AT (-80.0, -80.0) *

Y-AXIS / (METERS) /	-120.0	-100.0	X-AXIS (METERS) -80.0
120.0 /	370.22540 (72, 1)	364.66330 (72, 1)	265.49630 (72, 1)
100.0 /	299.88660 (72, 1)	404.74520 (72, 1)	392.73490 (72, 1)
80.0 /	237.39090 (147, 1)	278.55510 (69, 1)	412.34660 (72, 1)
60.0 /	256.03910 (147, 1)	268.17020 (147, 1)	250.31550 (69, 1)
40.0 /	260.00860 (147, 1)	264.51680 (147, 1)	267.37070 (147, 1)
20.0 /	385.52360C(94, 1)	368.89930C(94, 1)	329.72200C(94, 1)
.0 /	451.96730C(94, 1)	464.56810C(94, 1)	460.78270C(94, 1)
-20.0 /	242.43420 (84, 1)	253.10290 (84, 1)	274.11360 (356, 1)

-40.0 /	287.52210 (356, 1)	307.42550 (356, 1)	425.57700 (318, 1)
-60.0 /	398.10780 (318, 1)	510.99790 (318, 1)	521.91520 (318, 1)
-80.0 /	486.58600 (318, 1)	457.10080 (340, 1)	542.75320 (340, 1)
-100.0 /	455.99770 (340, 1)	491.87310 (340, 1)	428.08000 (340, 1)
-120.0 /	434.69350 (340, 1)	381.07280 (340, 1)	375.29990 (339, 1)
-140.0 /	338.63430 (340, 1)	350.27560 (339, 1)	319.95440 (339, 1)
-160.0 /	328.80380 (339, 1)	311.73310 (339, 1)	271.07670C(301, 1)
-180.0 /	302.02250 (339, 1)	254.21200C(301, 1)	229.35920C(301, 1)
-200.0 /	250.52840 (339, 1)	228.25040C(301, 1)	180.76860C(301, 1)
-220.0 /	216.94850C(301, 1)	193.89050C(301, 1)	142.08510 (339, 1)

1

HIGH
24-HR

SGROUP# 1

*** CCBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE DISCRETE RECEPTOR POINTS *

- X -	- Y -	CON.	(DAY, PER.)	- X -	- Y -	CON.	(DAY, PER.)
60.0	-60.0	213.65220	(27, 1)	60.0	-40.0	233.87510	(27, 1)
60.0	-20.0	219.80220	(106, 1)	60.0	.0	231.74570	(99, 1)
60.0	20.0	211.31390	(58, 1)	60.0	40.0	251.10720	(58, 1)
60.0	60.0	148.32640C	(73, 1)	60.0	80.0	203.67530C	(73, 1)
60.0	100.0	209.84550C	(73, 1)	60.0	120.0	186.32030C	(73, 1)
60.0	140.0	163.96240	(10, 1)	60.0	160.0	152.77970	(41, 1)
60.0	180.0	143.33860	(41, 1)	60.0	200.0	139.80340	(37, 1)
60.0	220.0	137.59060	(37, 1)	-160.0	-60.0	226.40320	(356, 1)
-160.0	-40.0	222.08690	(356, 1)	-160.0	-20.0	205.76010	(84, 1)
-160.0	.0	407.26040C	(94, 1)	-160.0	20.0	381.08970C	(94, 1)
-160.0	40.0	265.64940C	(94, 1)	-160.0	60.0	221.12590	(147, 1)
-160.0	80.0	229.02910	(147, 1)	-160.0	100.0	206.13530	(147, 1)
-160.0	120.0	219.26320	(69, 1)	-160.0	140.0	281.59950	(72, 1)
-160.0	160.0	297.34680	(72, 1)	-160.0	180.0	266.56070	(72, 1)
-160.0	200.0	216.15990	(72, 1)	-160.0	220.0	156.93630	(72, 1)
80.0	-60.0	304.10240	(27, 1)	80.0	-40.0	259.68870C	(26, 1)
80.0	-20.0	333.86210	(106, 1)	80.0	.0	332.29130	(99, 1)
80.0	20.0	342.52110C	(98, 1)	80.0	40.0	405.69000	(58, 1)
80.0	60.0	253.49850	(58, 1)	80.0	80.0	155.26250C	(73, 1)
80.0	100.0	207.31590C	(73, 1)	80.0	120.0	221.68960C	(73, 1)
80.0	140.0	208.04890C	(73, 1)	80.0	160.0	179.69090C	(73, 1)
80.0	180.0	160.82650C	(214, 1)	80.0	200.0	142.16590C	(214, 1)
80.0	220.0	141.29100	(37, 1)	-180.0	-60.0	213.48500	(356, 1)
-180.0	-40.0	195.59380	(124, 1)	-180.0	-20.0	191.26400C	(104, 1)
-180.0	.0	380.04730C	(94, 1)	-180.0	20.0	367.79050C	(94, 1)
-180.0	40.0	264.21220C	(94, 1)	-180.0	60.0	216.58040	(147, 1)
-180.0	80.0	206.45140	(147, 1)	-180.0	100.0	210.56550	(147, 1)
-180.0	120.0	178.00270	(69, 1)	-180.0	140.0	209.34280	(69, 1)
-180.0	160.0	266.66380	(77, 1)	-180.0	180.0	273.77760	(77, 1)
-180.0	200.0	244.34740	(72, 1)	-180.0	220.0	204.49790	(72, 1)
100.0	-60.0	273.63610	(27, 1)	100.0	-40.0	324.39650	(106, 1)
100.0	-20.0	366.72010	(106, 1)	100.0	.0	360.97640	(99, 1)
100.0	20.0	382.48330C	(98, 1)	100.0	40.0	369.47200	(58, 1)
100.0	60.0	404.12450	(58, 1)	100.0	80.0	225.12210	(58, 1)
100.0	100.0	140.38330C	(57, 1)	100.0	120.0	173.07660C	(73, 1)

100.0	140.0	201.10190C (73, 1)	100.0	160.0	202.51630 (10, 1)
100.0	180.0	188.71520 (10, 1)	100.0	200.0	169.81620 (10, 1)
100.0	220.0	151.21410 (10, 1)	-200.0	-60.0	203.45620 (356, 1)

1

HIGH
24-HR

SGROUP# 1

*** CCBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE DISCRETE RECEPTOR POINTS *

- X -	- Y -	CON.	(DAY,PER.)	- X -	- Y -	CON.	(DAY,PER.)
-200.0	-40.0	182.00540	(124, 1)	-200.0	-20.0	186.20220	(314, 1)
-200.0	.0	352.30420C	(94, 1)	-200.0	20.0	351.05700C	(94, 1)
-200.0	40.0	256.87030C	(94, 1)	-200.0	60.0	210.22510	(147, 1)
-200.0	80.0	188.77720	(147, 1)	-200.0	100.0	204.44550	(147, 1)
-200.0	120.0	178.65170	(147, 1)	-200.0	140.0	183.22170	(69, 1)
-200.0	160.0	206.10850	(72, 1)	-200.0	180.0	254.90710	(77, 1)
-200.0	200.0	251.23160	(77, 1)	-200.0	220.0	225.07030	(72, 1)
120.0	-60.0	262.95540C	(20, 1)	120.0	-40.0	369.04830	(106, 1)
120.0	-20.0	349.20350	(106, 1)	120.0	.0	349.03290	(99, 1)
120.0	20.0	339.55380C	(98, 1)	120.0	40.0	376.38550C	(98, 1)
120.0	60.0	415.53650	(58, 1)	120.0	80.0	354.37450	(58, 1)
120.0	100.0	198.28710	(58, 1)	120.0	120.0	131.15950C	(57, 1)
120.0	140.0	135.60800C	(73, 1)	120.0	160.0	165.45000	(10, 1)
120.0	180.0	189.25380	(10, 1)	120.0	200.0	192.65490	(10, 1)
120.0	220.0	181.75010	(10, 1)	-200.0	-60.0	203.45620	(356, 1)
-220.0	-40.0	167.37110	(124, 1)	-220.0	-20.0	181.85820	(314, 1)
-220.0	.0	326.27950C	(94, 1)	-220.0	20.0	333.14610C	(94, 1)
-220.0	40.0	248.45090C	(94, 1)	-220.0	60.0	197.86320	(147, 1)
-220.0	80.0	181.32030	(147, 1)	-220.0	100.0	187.67270	(147, 1)
-220.0	120.0	186.05150	(147, 1)	-220.0	140.0	157.45100	(222, 1)
-220.0	160.0	181.98250	(69, 1)	-220.0	180.0	204.29910	(72, 1)
-220.0	200.0	240.84120	(77, 1)	-220.0	220.0	230.79500	(77, 1)

1
HIGH

2ND
24-HR

SGROUP# 1

*** CCBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
 * FROM ALL SOURCES *
 * FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 443.75860 AND OCCURRED AT (-80.0, -60.0) *

Y-AXIS / (METERS) /	-120.0	-100.0	X-AXIS (METERS) -80.0
120.0 /	340.43740 (77, 1)	305.03140 (77, 1)	233.78660 (78, 1)
100.0 /	267.90710 (69, 1)	353.67130 (77, 1)	320.46550 (77, 1)
80.0 /	206.74930 (69, 1)	272.30180 (72, 1)	347.62200 (77, 1)
60.0 /	234.31040C(333, 1)	216.46310 (357, 1)	249.00580 (147, 1)
40.0 /	239.59250C(333, 1)	257.80760C(333, 1)	257.66500C(333, 1)
20.0 /	285.59410 (311, 1)	281.29780 (95, 1)	257.14640 (95, 1)
.0 /	302.65160 (312, 1)	302.75920 (312, 1)	305.30240 (9, 1)
-20.0 /	219.40050 (109, 1)	239.71140 (332, 1)	249.15260 (84, 1)
-40.0 /	235.90210 (318, 1)	303.23630 (318, 1)	327.98860 (356, 1)
-60.0 /	295.07560 (8, 1)	387.52610 (8, 1)	443.75860 (8, 1)
-80.0 /	379.79280 (8, 1)	433.48040 (318, 1)	437.50250 (8, 1)
-100.0 /	385.92330 (8, 1)	415.78410 (8, 1)	328.84420 (339, 1)
-120.0 /	386.17560 (8, 1)	310.61780 (339, 1)	304.89790 (340, 1)
-140.0 /	287.25940 (339, 1)	281.87750 (340, 1)	293.22950C(301, 1)
-160.0 /	260.78490 (340, 1)	261.41310C(301, 1)	247.35280 (339, 1)
-180.0 /	231.90260C(301, 1)	250.89020 (339, 1)	195.90610 (339, 1)
-200.0 /	232.25550C(301, 1)	198.33700 (339, 1)	162.19350 (339, 1)
-220.0 /	201.48280 (339, 1)	160.43270 (339, 1)	134.31570C(301, 1)

1
HIGH

2ND
24-HR

SGROUP# 1

*** CCBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops ***

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
 * FROM ALL SOURCES *
 * FOR THE DISCRETE RECEPTOR POINTS *

- X -	- Y -	CON.	(DAY,PER.)	- X -	- Y -	CON.	(DAY,PER.)
60.0	-60.0	179.88460C	(60, 1)	60.0	-40.0	190.61780C	(60, 1)
60.0	-20.0	170.78490C	(65, 1)	60.0	.0	157.30290C	(358, 1)
60.0	20.0	198.72640C	(98, 1)	60.0	40.0	96.42989C	(57, 1)
60.0	60.0	120.00730	(10, 1)	60.0	80.0	194.63180	(10, 1)
60.0	100.0	198.06180	(10, 1)	60.0	120.0	182.37440	(10, 1)
60.0	140.0	154.71390C	(214, 1)	60.0	160.0	146.86150	(36, 1)
60.0	180.0	140.43830	(36, 1)	60.0	200.0	132.43800	(36, 1)
60.0	220.0	123.72810	(36, 1)	-160.0	-60.0	224.52800	(318, 1)
-160.0	-40.0	207.89320	(124, 1)	-160.0	-20.0	195.77640C	(104, 1)
-160.0	.0	290.15300	(312, 1)	-160.0	20.0	299.36790	(311, 1)
-160.0	40.0	222.42590	(147, 1)	-160.0	60.0	213.00830C	(333, 1)

-160.0	80.0	199.50320C (333, 1)	-160.0	100.0	173.00410C (220, 1)
-160.0	120.0	200.53640C (220, 1)	-160.0	140.0	273.64230 (77, 1)
-160.0	160.0	297.31090 (77, 1)	-160.0	180.0	242.46380 (77, 1)
-160.0	200.0	165.94060 (77, 1)	-160.0	220.0	154.94860 (78, 1)
80.0	-60.0	249.92600 (112, 1)	80.0	-40.0	240.37400 (27, 1)
80.0	-20.0	229.51410C (65, 1)	80.0	.0	226.65290C (358, 1)
80.0	20.0	197.51870 (58, 1)	80.0	40.0	114.06900C (98, 1)
80.0	60.0	163.70190C (57, 1)	80.0	80.0	130.36850C (57, 1)
80.0	100.0	181.30450 (10, 1)	80.0	120.0	216.91470 (10, 1)
80.0	140.0	207.17960 (10, 1)	80.0	160.0	177.25810 (10, 1)
80.0	180.0	151.80250 (10, 1)	80.0	200.0	134.15940 (10, 1)
80.0	220.0	123.31410 (41, 1)	-180.0	-60.0	203.36480 (260, 1)
-180.0	-40.0	187.84040 (109, 1)	-180.0	-20.0	188.52530 (314, 1)
-180.0	.0	281.37970 (312, 1)	-180.0	20.0	289.21930 (311, 1)
-180.0	40.0	201.93670 (311, 1)	-180.0	60.0	194.07480C (333, 1)
-180.0	80.0	194.51200C (333, 1)	-180.0	100.0	179.96590C (343, 1)
-180.0	120.0	175.63270 (147, 1)	-180.0	140.0	201.43320 (72, 1)
-180.0	160.0	264.94220 (72, 1)	-180.0	180.0	269.58150 (72, 1)
-180.0	200.0	222.42280 (77, 1)	-180.0	220.0	156.44090 (77, 1)
100.0	-60.0	266.18410 (112, 1)	100.0	-40.0	285.16050C (26, 1)
100.0	-20.0	282.31520 (19, 1)	100.0	.0	269.33620 (184, 1)
100.0	20.0	240.77150C (105, 1)	100.0	40.0	255.23470C (98, 1)
100.0	60.0	158.61720C (57, 1)	100.0	80.0	170.02920C (57, 1)
100.0	100.0	128.36580 (111, 1)	100.0	120.0	160.59740 (10, 1)
100.0	140.0	200.74260 (10, 1)	100.0	160.0	201.98070C (73, 1)
100.0	180.0	185.47650C (73, 1)	100.0	200.0	162.53590C (214, 1)
100.0	220.0	146.41350C (214, 1)	-200.0	-60.0	197.80390 (260, 1)

1
HIGH

2ND

24-HR

SGROUP# 1

*** CCBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE DISCRETE RECEPTOR POINTS *

- X -	- Y -	CON.	(DAY, PER.)	- X -	- Y -	CON.	(DAY, PER.)
-200.0	-40.0	173.64610	(258, 1)	-200.0	-20.0	184.91050C	(104, 1)
-200.0	.0	272.39330	(312, 1)	-200.0	20.0	276.00000	(312, 1)
-200.0	40.0	221.78530	(311, 1)	-200.0	60.0	182.84030C	(94, 1)
-200.0	80.0	181.80100C	(333, 1)	-200.0	100.0	186.40900C	(343, 1)
-200.0	120.0	162.33210	(186, 1)	-200.0	140.0	174.09270	(222, 1)
-200.0	160.0	199.64500	(69, 1)	-200.0	180.0	247.76460	(72, 1)
-200.0	200.0	246.32960	(72, 1)	-200.0	220.0	204.39330	(77, 1)
120.0	-60.0	262.49310C	(26, 1)	120.0	-40.0	299.76680C	(65, 1)
120.0	-20.0	299.97380	(19, 1)	120.0	.0	285.99520	(184, 1)
120.0	20.0	238.55910C	(105, 1)	120.0	40.0	231.02580	(58, 1)
120.0	60.0	151.27790	(202, 1)	120.0	80.0	176.31750C	(57, 1)
120.0	100.0	158.24830C	(57, 1)	120.0	120.0	123.75540	(111, 1)
120.0	140.0	122.78280C	(53, 1)	120.0	160.0	161.25990C	(73, 1)
120.0	180.0	172.10490C	(73, 1)	120.0	200.0	169.37140C	(73, 1)
120.0	220.0	157.49410C	(73, 1)	-200.0	-60.0	197.80390	(260, 1)
-220.0	-40.0	164.23200	(258, 1)	-220.0	-20.0	177.22710C	(104, 1)
-220.0	.0	263.70090	(312, 1)	-220.0	20.0	278.43460	(312, 1)

-220.0	40.0	236.74760	(311, 1)	-220.0	60.0	188.88510C	(94, 1)
-220.0	80.0	169.23290C	(333, 1)	-220.0	100.0	174.47950C	(343, 1)
-220.0	120.0	172.99980C	(343, 1)	-220.0	140.0	153.10130	(69, 1)
-220.0	160.0	165.11690	(222, 1)	-220.0	180.0	198.72810	(77, 1)
-220.0	200.0	230.61750	(72, 1)	-220.0	220.0	225.76920	(72, 1)

PROCESS FINISHES AT: 17:36:52
DATE: 11/ 2/1993



ATTACHMENT C
 Q U O T A T I O N #

601 School Avenue
 Sarasota, Fl. 34237
 813/955-9715
 Fax 813/954-4737

September 15, 1993

TO: <u>Chris Craft</u>	DBA: _____
Attn: <u>Dave Marvel</u>	
Estimated ship _____	Shipped via _____
Date: _____	F.O.B. _____
	Terms 50% Down 50% Comp

QUANTITY	DESCRIPTION	PRICE	AMOUNT
	<p>Modify 7 existing exhaust vents, Price includes 7 new 5Hp 208v 3ph explosion proof motors. Fabrication and installation of new duct to raise the vent 34 feet at 30" in diameter. Electrical hook up by others,</p> <p>Price is complete, including new pulley's and belts.</p> <p>This quote is based on information supplied by engineer</p> <p><u>220V MULTI MOTOR</u> <u>4P0V</u></p>		\$ 12,450.00
<p>Prices do not include Sales Tax.</p> <p>All prices are subject to field measure and inspection of the job site. It is the responsibility of the purchaser to provide adequate and easy access to the premises and/or to the items final location.</p> <p>Quotation is valid for 60 days. thereafter it is subject to change without notice.</p>			

A & G MANUFACTURING COMPANY IS NOT RESPONSIBLE FOR ELECTRICAL WORK, ROOF AND WALL PENETRATIONS, RELOCATING OR REMOVAL OF ANY OBSTRUCTIONS, PLUMBING, ELECTRICAL, AIR CONDITIONING, GAS, WATER OR SEWER LINES, BEAMS OR STRUCTURAL MEMBERS, FURNISHINGS, EQUIPMENT OR ANYTHING ELSE WHICH WOULD HAMPER OR DELAY A NORMAL ENTRY OR INSTALLATION.

I have read, understand and duly note the above referenced clause.

Signed Dave Marvel
 UPON ACCEPTANCE

quote.doc

MANUFACTURERS OF CUSTOM STAINLESS STEEL FABRICATIONS,
 VENTILATION SYSTEMS AND FOOD SERVICE EQUIPMENT.

*Chris*Craft*

October 29, 1993

U. S. Department of Transportation
Federal Aviation Administration
Southern Regional Office
Air Traffic Division ASO-530
P. O. Box 20636
Atlanta, GA 30320

ATTN: Mr. Armando Castro

Dear Mr. Castro:

Enclosed please find a completed FAA Form 7460-1 for the proposed installation of eight (8) exhaust stacks at the OMC Chris*Craft facility, which is located at 8161 15th Street East, Sarasota, Florida. The exhaust stacks are necessary to meet Florida DER air permitting requirements.

We do not believe that the proposed construction will have any adverse impact on the Sarasota/Bradenton Airport. However, we would like your approval before proceeding with this project. Our goal is to begin construction of the stacks by December 1, 1993.

If you have any questions or comments, please do not hesitate to contact me at 813-351-4900 Ext. 500. Your prompt review will be appreciated.

Sincerely,

Tim R. Reid
General Manager

TRR/kad

Enclosures

cc: L. Keller, OMC
R. Mellberg, FBG
T. John Engineering

8161 15th Street East, Sarasota, Florida 34243
813-351-4900 FAX 813-351-8974

NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION

§77.13 Construction or alteration requiring notice.

(a) Except as provided in §77.15, each sponsor who proposes any of the following construction or alteration shall notify the Administrator in the form and manner prescribed in §77.17:

(1) Any construction or alteration of more than 200 feet in height above the ground level at its site.

(2) Any construction or alteration of greater height than an imaginary surface extending outward and upward at one of the following slopes:

(i) 100 to 1 for a horizontal distance of 20,000 feet from the nearest point of the nearest runway of each airport specified in subparagraph (5) of this paragraph with at least one runway more than 3,200 feet in actual length, excluding heliports.

(ii) 50 to 1 for a horizontal distance of 10,000 feet from the nearest point of the nearest runway of each airport specified in subparagraph (5) of this paragraph with its longest runway no more than 3,200 feet in actual length, excluding heliports.

(iii) 25 to 1 for a horizontal distance of 5,000 feet from the nearest point of the nearest landing and takeoff area of each heliport specified in subparagraph (5) of this paragraph.

(3) Any highway, railroad, or other traverse way for mobile objects, of a height which, if adjusted upward 17 feet for an Interstate Highway that is part of the National System of Military and Interstate Highways where overcrossings are designed for a minimum of 17 feet vertical distance, 15 feet for any other public roadway, 10 feet or the height of the highest mobile object that would normally traverse the road, whichever is greater, for a private road, 23 feet for a railroad, and for a waterway or any other traverse way not previously mentioned, an amount equal to the height of the highest mobile object that would normally traverse it, would exceed a standard of subparagraph (1) or (2) of this paragraph.

(4) When requested by the FAA, any construction or alteration that would be in an instrument approach area (defined in the FAA standards governing instrument approach procedures) and available information indicates it might exceed a standard of Subpart C of this part.

(5) Any construction or alteration on any of the following airports (including heliports):

(i) An airport that is available for public use and is listed in the Airport Directory of the current Airman's Information Manual or in either the Alaska or Pacific Airman's Guide and Chart Supplement.

(ii) An airport under construction, that is the subject of a notice or proposal on file with the Federal Aviation Administration, and except for military airports, it is clearly indicated that that airport will be available for public use.

(iii) An airport that is operated by an armed force of the United States.

(b) Each sponsor who proposes construction or alteration that is the subject of a notice under paragraph (a) of this section and is advised by an FAA regional office that a supplemental notice is required shall submit that notice on a prescribed form to be received by the FAA regional office at least 48 hours before the start of the construction or alteration.

(c) Each sponsor who undertakes construction or alteration that is the subject of a notice under paragraph (a) of this section shall, within 5 days after that construction or alteration reaches its greatest height, submit a supplemental notice on a prescribed form to the FAA regional office having jurisdiction over the area involved, if—

(1) The construction or alteration is more than 200 feet above the surface level of its site; or

(2) An FAA regional office advises him that submission of the form is required.

§77.15 Construction or alteration not requiring notice.

No person is required to notify the Administrator for any of the following construction or alteration:

(a) Any object that would be shielded by existing structures of a permanent and substantial character or by natural terrain or topographic features of equal or greater height, and would be located in the congested area of a city, town, or settlement where it is evident beyond all reasonable doubt that the structure so shielded will not adversely affect safety in air navigation.

(b) Any antenna structure of 20 feet or less in height except one that would increase the height of another antenna structure.

(c) Any air navigation facility, airport visual approach or landing aid, aircraft arresting device, or meteorological device, of a type approved by the Administrator, or an appropriate military service on military airports, the location and height of which is fixed by its functional purpose.

(d) Any construction or alteration for which notice is required by any other FAA regulation.

§77.17 Form and time of notice.

(a) Each person who is required to notify the Administrator under §77.13 (a) shall send one executed form set of FAA Form 7460-1, Notice of Proposed Construction or Alteration, to the Manager, Air Traffic Division, FAA Regional Office having jurisdiction over the area within which the construction or alteration will be located. Copies of FAA Form 7460-1 may be obtained from the headquarters of the Federal Aviation Administration and the regional offices.

(b) The notice required under §77.13 (a) (1) through (4) must be submitted at least 30 days before the earlier of the following dates—

(1) The date the proposed construction or alteration is to begin.

(2) The date an application for a construction permit is to be filed.

However, a notice relating to proposed construction or alteration that is subject to the licensing requirements of the Federal Communications Act may be sent to the FAA at the same time the application for construction is filed with the Federal Communications Commission, or at any time before that filing.

(c) A proposed structure or an alteration to an existing structure that exceeds 2,000 feet in height above the ground will be presumed to be a hazard to air navigation and to result in an inefficient utilization of airspace and the applicant has the burden of overcoming that presumption. Each notice submitted under the pertinent provisions of Part 77 proposing a structure in excess of 2,000 feet above ground, or an alteration that will make an existing structure exceed that height must contain a detailed showing directed to meeting this burden. Only in exceptional cases, where the FAA concludes that a clear and compelling showing has been made that it would not result in an inefficient utilization of the airspace and would not result in a hazard to air navigation, will a determination of no hazard be issued.

(d) In the case of an emergency involving essential public services, public health, or public safety, that requires immediate construction or alteration, the 30 day requirement in paragraph (b) of this section does not apply and the notice may be sent by telephone, telegraph, or other expeditious means, with an executed FAA Form 7460-1 submitted within five days thereafter. Outside normal business hours, emergency notices by telephone or telegraph may be submitted to the nearest FAA Flight Service Station.

(e) Each person who is required to notify the Administrator by paragraph (b) or (c) of §77.13, or both, shall send an executed copy of FAA Form 7460-2, Notice of Actual Construction or Alteration, to the Manager Air Traffic Division, FAA Regional Office having jurisdiction over the area involved.

ADDRESSES OF THE REGIONAL OFFICES AND SAN JUAN OFFICE

Alaskan Region AK

Alaskan Regional Office Air Traffic Division AAL-530 701 "C" Street Anchorage, AK 99513 Mail Address: 701 "C" Street, Box 14 Anchorage, AK 99513 Tele. 907-271-5892

Central Region NE, IA, MO, KS

Central Regional Office Air Traffic Division ACE-530 601 East 12th Street Kansas City, MO 64106 Tel. 816-374-3408

Western-Pacific Region HI, CA, NV, AZ, GU

Western-Pacific Regional Office Air Traffic Division AWP-530 15000 Aviation Boulevard Hawthorne, CA 90260 Mail Address: AWP-530 P.O. Box 92007 Worldway Postal Center Los Angeles, CA 90009 Tel. 213-297-1182

Southern Region KY, TN, NC, SC, GA, AL, MS, FL

Southern Regional Office Air Traffic Division ASO-530 3400 Norman Berry Drive East Point, GA 30344 Mail Address: P.O. Box 20636 Atlanta, GA 30320 Tel. 404-763-7646

Northwest Mountain Region WA, OR, MT, ID, WY, UT, CO

Northwest Mountain Regional Office Air Traffic Division ANM-530 17900 Pacific Hwy. South C-68966 Seattle, WA 98168 Tel. 206-431-2530

Eastern Region NY, PA, WV, VA, DC, MD, DE, NJ

Eastern Regional Office Air Traffic Division AEA-530 JFK International Airport Fitzgerald Federal Building Jamaica, NY 11430 Tel. 718-917-1228

Southwest Region NM, TX, OK, AR, LA

Southwest Regional Office Air Traffic Division ASW-530 4400 Blue Mound Road Fort Worth, TX 76106 Mail Address: P.O. Box 1689 Fort Worth, TX 76101 Tel. 817-877-2640

San Juan Office VI, PR

DOT/FAA San Juan CERAP ATTN: ML & SO GPO Section San Juan, PR 00936 Tel. 809-791-1615

Great Lakes Region ND, WI, MI, SD, IL, OH, MN, IN

Great Lakes Regional Office Air Traffic Division AGL-530 2300 East Devon Avenue Des Plaines, IL 60018 Tel. 312-694-7458

New England Region MA, NH, VT, RI, CT, ME

New England Regional Office Air Traffic Division ANE-530 12 New England Executive Park Burlington, MA 01803 Tel. 617-273-7141

DO NOT REMOVE CARBONS

Form Approved OMB No. 2120-0001

 U.S. Department of Transportation Federal Aviation Administration	NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION	Aeronautical Study Number
--	--	-----------------------------------

1. Nature of Proposal			2. Complete Description of Structure		
A. Type <input type="checkbox"/> New Construction <input checked="" type="checkbox"/> Alteration	B. Class <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Temporary (Duration _____ months)	C. Work Schedule Dates receipt of permission Beginning _____ End 6 months from start	A. Include effective radiated power and assigned frequency of all existing, proposed or modified AM, FM, or TV broadcast stations utilizing this structure. not applicable		

3A. Name and address of individual, company, corporation, etc. proposing the construction or alteration. (Number, Street, City, State and Zip Code)

(813) 351-4100
area code Telephone Number

Mr. Tim Reid
 Chris Craft Boats
 8161 15th Street East
 Sarasota, FL 34243

B. Include size and configuration of power transmission lines and their supporting towers in the vicinity of FAA facilities and public airports. **not applicable**

C. Include information showing site orientation, dimensions, and construction materials of the proposed structure. **Detailed section 2.C. is attached.**

Proposed structure consists of 8 exhaust stacks, constructed of sheet metal, terminating approximately 7 feet above existing building roof level, at equal height to existing adjacent water tank.

(if more space is required, continue on a separate sheet.)

B. Name, address and telephone number of proponent's representative if different than 3 above.

Tom T. John, P.E.
 Tom John Engineering, Inc.
 7522 North 40th Street

4. Location of Structure			5. Height and Elevation (Complete to the nearest foot)		
A. Coordinates <small>(To nearest second)</small>	B. Nearest City or Town, and State Sarasota, FL	C. Name of nearest airport, heliport, flightpark, or seaplane base Sarasota-Bradenton Airport	A. Elevation of site above mean sea level	25	
27° 23' 30" Latitude	(1) Distance to 4B 1 mile Miles	(1) Distance from structure to nearest point of nearest runway 1500 feet	B. Height of Structure including all appurtenances and lighting (if any) above ground, or water if so situated	34	
82° 32' 40" Longitude	(2) Direction to 4B Southwest	(2) Direction from structure to airport West	C. Overall height above mean sea level (A + B)	59	

D. Description of location of site with respect to highways, streets, airports, prominent terrain features, existing structures, etc. Attach a U.S. Geological Survey quadrangle map or equivalent showing the relationship of construction site to nearest airport(s). *(if more space is required, continue on a separate sheet of paper and attach to this notice.)*

Existing structure is 100 ft (N-S) by 300 ft (E-W) by 27 feet high (approximately). Building long axis is perpendicular to U.S. 301 and is located on the eastern side of that roadway. Existing water storage tank located 70 feet North of building terminates at same height as proposed exhaust stacks. See attached figures.

Notice is required by Part 77 of the Federal Aviation Regulations (14 C.F.R. Part 77) pursuant to Section 1101 of the Federal Aviation Act of 1958, as amended (49 U.S.C. 1101). Persons who knowingly and willingly violate the Notice requirements of Part 77 are subject to a fine (criminal penalty) of not more than \$500 for the first offense and not more than \$2,000 for subsequent offenses, pursuant to Section 902(a) of the Federal Aviation Act of 1958, as amended (49 U.S.C. 1472(a)).

I HEREBY CERTIFY that all of the above statements made by me are true, complete, and correct to the best of my knowledge. In addition, I agree to obstruction mark and/or light the structure in accordance with established marking & lighting standards if necessary.

Date 25 October 1993	Typed Name/Title of Person Filing Notice Mr. Tim Reid	Signature 
-------------------------	--	--

FOR FAA USE ONLY FAA will either return this form or issue a separate acknowledgement.

The Proposal: <input type="checkbox"/> Does not require a notice to FAA. <input type="checkbox"/> Is not identified as an obstruction under any standard of FAR, Part 77, Subpart C, and would not be a hazard to air navigation. <input type="checkbox"/> Is identified as an obstruction under the standards of FAR, Part 77, Subpart C, but would not be a hazard to air navigation. <input type="checkbox"/> Should be obstruction <input type="checkbox"/> marked, <input type="checkbox"/> lighted per FAA Advisory Circular 70/7460-1, Chapter(s) _____ <input type="checkbox"/> Obstruction marking and lighting are not necessary.	Supplemental Notice of Construction FAA Form 7460-2 is required any time the project is abandoned, or <input type="checkbox"/> At least 48 hours before the start of construction. <input type="checkbox"/> Within five days after the construction reaches its greatest height. This determination expires on _____ unless: (a) extended, revised or terminated by the issuing office. (b) the construction is subject to the licensing authority of the Federal Communications Commission and an application for a construction permit is made to the FCC on or before the above expiration date. In such case the determination expires on the date prescribed by the FCC for completion of construction, or on the date the FCC denies the application. NOTE: Request for extension of the effective period of this determination must be postmarked or delivered to the issuing office at least 15 days prior to the expiration date. If the structure is subject to the licensing authority of the FCC, a copy of this determination will be sent to that Agency.
---	---

Remarks:

SECTION 2 - C.

As can be seen in the site map of Figure 1, attached, current structures at the site include the Lay-up building (1), the Assembly building (2), and the water storage tank (3). The heights of these structures are 20.2 feet, 26.2 feet, and 35.3 feet, respectively, above ground level (AGL). The assembly building has a "lip" on the western edge rising to 32.6 feet AGL. The site elevation at the lay-up building is 24 to 25 feet above mean sea level (MSL).

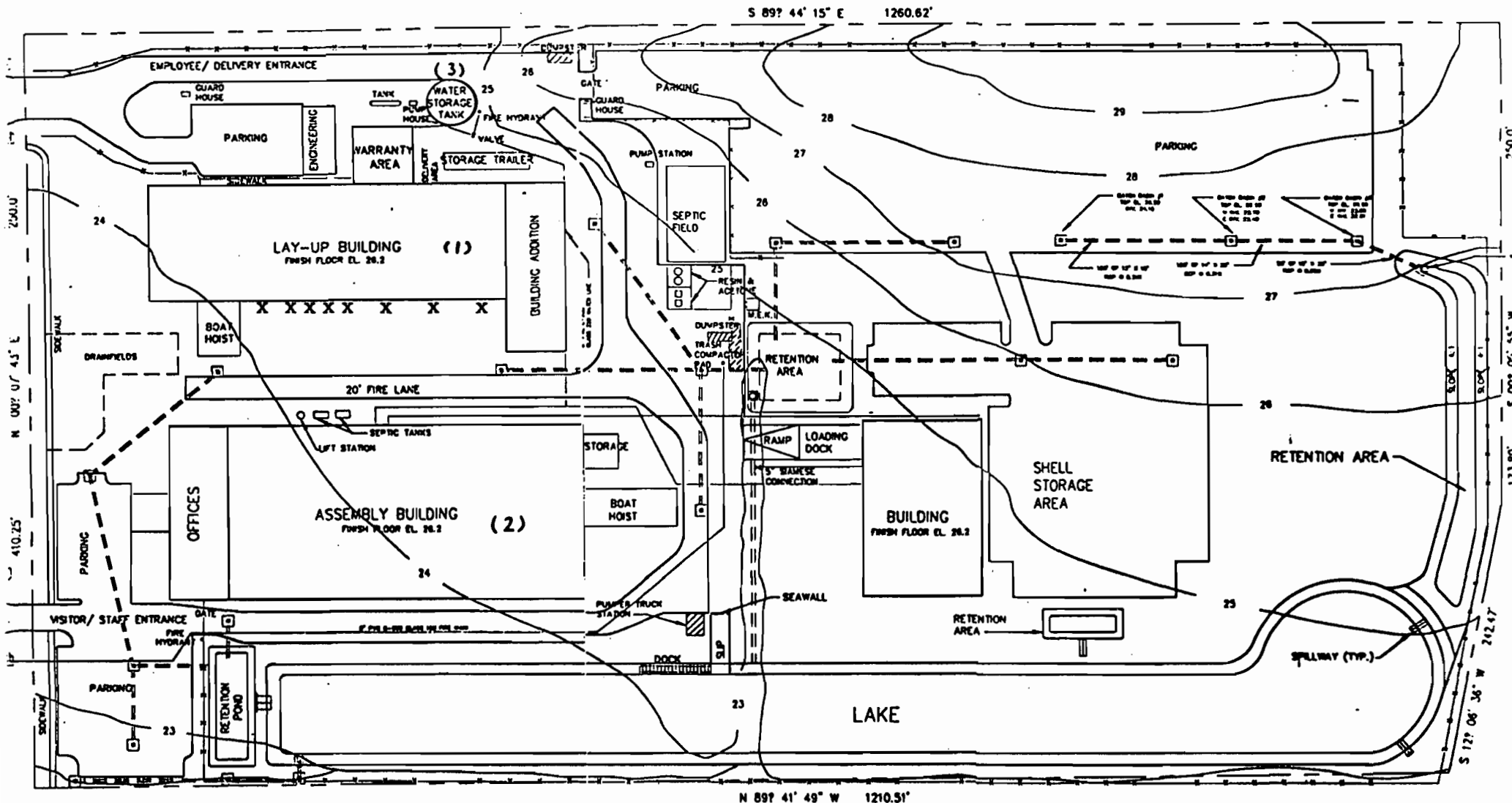
The proposed project involves the installation of eight exhaust vent stacks, 30 inches in diameter, to the existing lay-up building, identified as (1) in Figure 1. The stacks will be located along the South side of the lay-up building, and all exhaust stacks will terminate at the same height, 35.3 feet AGL. The stack height of 35.3 feet is equal to the height of the top of the existing water storage tank, identified as (3) in Figure 1. The tank is approximately 70 feet North of the lay-up building.

Construction materials are anticipated to consist of sheet metal ductwork and the necessary supporting cables.

Sarasota-Bradenton Airport currently has two main runways, bearing approximately 40 - 220 degrees and 140 - 320 degrees. The Chris Craft site is located along an approximate 60 degree radial from the intersection of the main runways. The airport and the Chris Craft site are shown in the U.S.G.S. Quadrangle map section, Figure 2. The distance to the nearest part of the runway proper, Notification Form Section 4.C., is approximately 1500 feet to the northeastern end of runway 4. An FAA - FSS map of the airfield is presented as Figure 3.

ZONING M-1

FIGURE 1

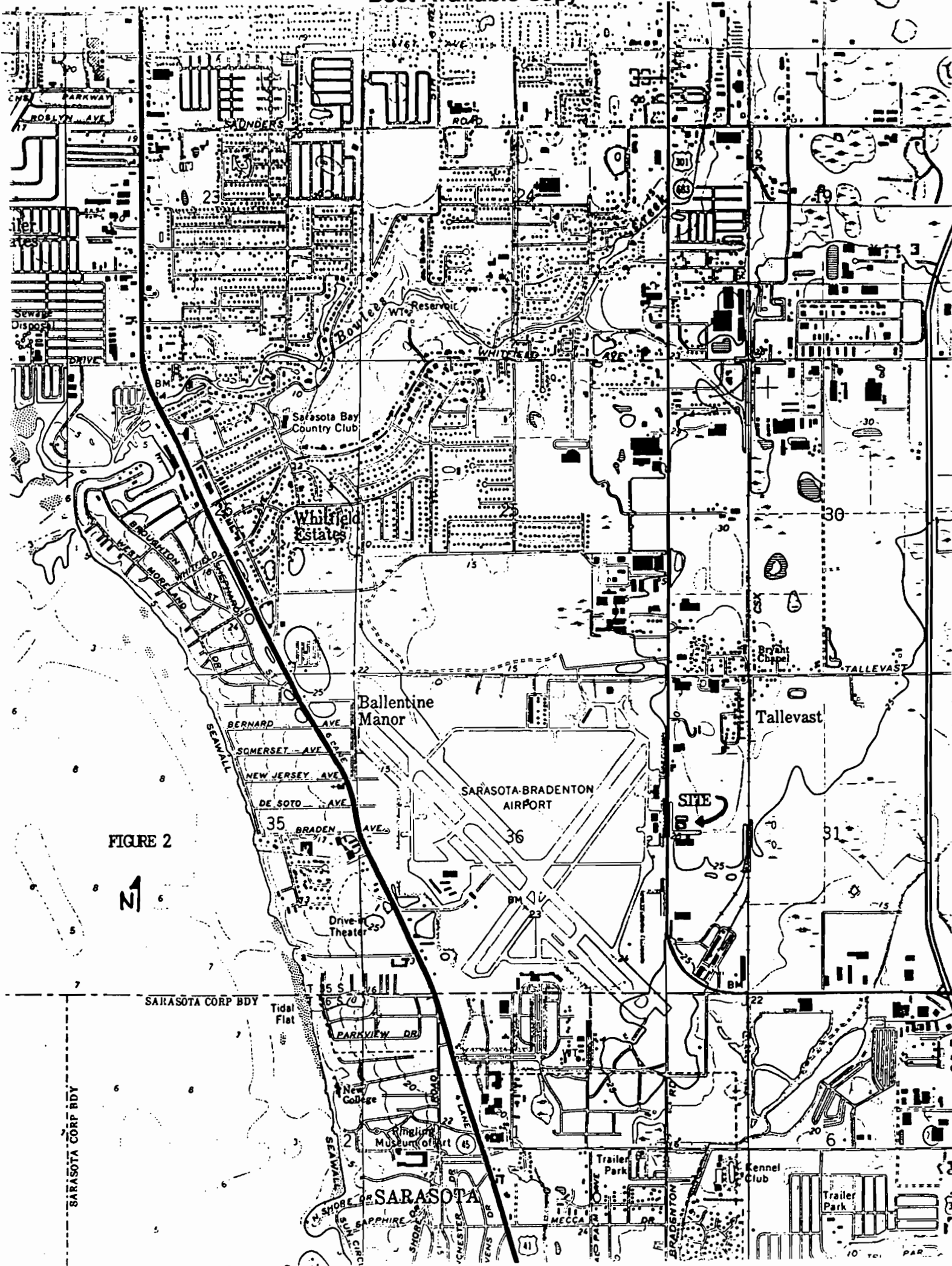


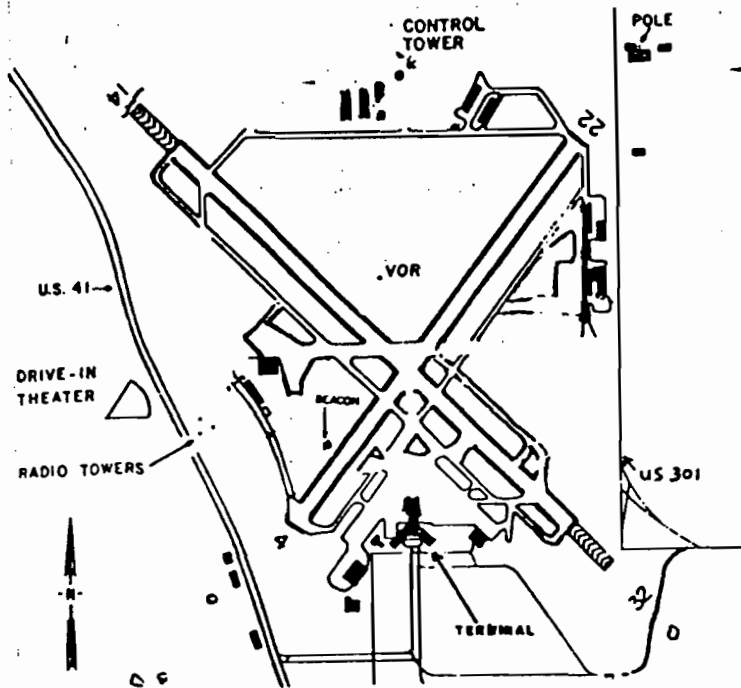
ZONING M-1

PROPOSED STACKS INDICATED BY "x" alongside LAY-UP BUILDING



ZONING A-1





SARASOTA - SARASOTA/MAHATEE
SARASOTA-BRADENTON AIRPORT (SRQ)

3 Mi. N of Sarasota

Owned By:
Sarasota-Manatee Airport Authority
Airgate Station-P.O. Box 3004
Sarasota, FL 34278-3004

27-24N, 82-33W

Managed By:
Albert McDill
813/355-2761

Runway-14/32, 7003' Pvd, Lgts, VASI, ILS
Runway-04/22, 5006' Pvd, Lgts, VASI

Service/Repairs:
Fuel - 100, Jet
Engine - Major
Airframe - Major
Electronics - Yes

On fld SRQ VORTAC 115.2
Elevation - 28 Ft.
Instrument Apch. - MDB, ILS, VOR
FSS - St. Petersburg 123.6
Apch Cont. - TPA 119.65
Control Tower - 120.1
Gnd Cont. - 121.9
Unicom - 123.0

Taxi - Yes
Car Rental - Yes
Phone - Yes
Restroom - Yes
Snacks - Yes
Restaurant - Yes
Lodging - 1/2 Mi.

Hrs. Atnd - 0600/2400
After Hr. - 813/351-2318

Daily Airline Flights - 62
Based Aircraft - 285
Operations - 180,000/Yr.



*Chris*Craft*

RECEIVED

NOV 12 1993

Division of Air
Resources Management

November 9, 1993

Mr. Bruce Mitchell
Air Section
Florida Department of
Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Re: Chris*Craft Boats, AC41-218344

Dear Mr. Mitchell:

The purpose of this letter is to update you on the status of the referenced Construction Permit. In addition, we are requesting an extension of the permit until June 1, 1994 so that necessary stack modifications can be completed and properly certified.

As we have discussed previously, the exhaust fans for the Lamination Building at Chris*Craft Boats were redirected to meet OSHA requirements. The facility has now addressed the OSHA concerns and has remodeled the Maximum Ambient Concentration (MAC) resulting from styrene emissions from the lamination building.

Chris*Craft proposes to modify the exhaust fans and stack heights as shown in Attachment A. As can be seen in the results of the ISCST Model (Attachment B, diskette), this exhaust configuration will result in compliance with the Florida Department of Environmental Protection Draft Air Toxic Guideline "No Threat Level" (NTL) for styrene, the target species.

Since the proposed facility modifications would represent a change in the exhaust configuration relative to the existing construction permit, we are submitting this package for your review and concurrence prior to physical modification of the exhausts. Chris*Craft is also presenting (Attachment C) a copy of the job award given to A&G Manufacturing Company of Sarasota to perform the work when approved by the FDEP.

The proposed stack exhaust point of 10.4 meters AGL has also required the preparation and filing of FAA Form 7460-1 requesting Federal Aviation Administration approval of the proposed stack heights. This filing has been made on a precautionary basis due to the proximity of the facility to the Sarasota/Bradenton airport. There is currently a water tower at the same height as

8161 15th Street East, Sarasota, Florida 34243
813-351-4900 FAX 813-351-8974

Mr. Bruce Mitchell
November 9, 1993
Page Two

the proposed stacks, and Chris*Craft does not foresee any problem with the FAA approval. A copy of the FAA filing is attached (Attachment D).

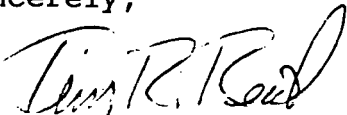
As you are aware, the expiration date for the reference permit is December 31, 1993. Although Chris*Craft believes that the exhaust system modifications can be made by that date, questions from the FDEP or FAA could result in a construction delay. Chris*Craft is therefore requesting an extension of time for construction permit AC41-218344 until June 1, 1994. (A check in the amount of Fifty Dollars (\$50.00) is enclosed to cover the cost of processing said extension.) This would allow sufficient time for the required Agency approvals, physical modifications, and submission of the COCOC sufficiently in advance of the "90 days prior to expiration" date of Specific Condition #12. The extension would also allow normal processing by the Agency.

The proposed exhaust configuration results in MAC estimates below the construction permit values. When continuous emissions (24 hour/day) are used as model input parameters with minor throughput reductions, then NTL is still not exceeded. Chris*Craft is therefore reviewing the desirability of modifying the permit as part of the COCOC process to slightly reduce maximum throughput and remove the current operation hour restrictions.

If you have any questions, please do not hesitate to contact Tom John, P.E. at 813-985-7881 or Dave Marvel, of my staff, or myself at 813-351-4900.

Thank you for your continued assistance.

Sincerely,



Tim R. Reid
General Manager

TRR/kad

Enclosure
Attachments

cc: C. Fancy (without Attachment B)
T. John (without Attachment B)
L. Keller (without Attachment B)
D. Marvel (without Attachment B)
R. Mellburg (without Attachment B)

J. Reynolds
C. Halladay
B. Thomas, SWDise

November 12, 1993

Mr. Tim Reid
Chris Craft Boats, Inc.
8161 15th Street East
Sarasota, Florida 34243

Dear Mr. Reid:

In response to OSHA related concerns about worker styrene exposure levels at the Chris Craft Boats facility, the flow of the five large fans in the ceiling of the lamination building was redirected into the building rather than outward as was described in the original FDEP Air Construction Permit application.

To provide sufficient dispersion, Chris Craft Boats has committed to modifying the existing exhaust fans currently on the south side of the lamination building.

To evaluate the resultant dispersion, ISCST computer modelling was performed on the facility using the parameters of the proposed wall exhaust fans to predict the Maximum Ambient Concentration (MAC) of styrene for comparison to the FDEP "No Threat Level" (NTL). The complete model printout is presented as "Attachment A", and a disk with the input and output files for submission to FDEP is also provided.

An addition to the existing lamination building roof would extend the south edge of the roof approximately on third of the way to the existing Assembly Building. Therefore, for model purposes, a "resultant building" encompassing the boundaries of both structures was utilized. A "lip" along the western edge of the Assembly Building, originally placed for aesthetics, was not considered to be a "controlling tier" for building height determination, which was made by actual measurement.

The exhaust stack heights will be 34 feet above ground level (AGL), and the appropriate Notification Form has been filed with the F.A.A. (see Attachment B). The exhaust velocity for each of the 30 inch diameter fans will be 50.8 feet/sec (15.5 m/s) as calculated at stack exit with "dirty" inlet filters.

Styrene emissions resulting from the full permitted capacity of the lamination operation were apportioned equally among the proposed stacks. The styrene emission rate in the current construction permit is 69.9 lbs/hr, or 8.81 g/sec. In the original application, the "lbs/hr" value was obtained by dividing the worst case annual estimated tons/yr emissions by the lamination operating hours. To conform to the existing permit values, the model emission rate was maintained at 8.81 g/sec. It is important to note that this emission rate could not be maintained continuously without exceeding the permitted annual styrene emission limitation.

The determination of 69.9 lbs/hr of styrene emission was based on the maximum anticipated styrene content and the maximum of the emission factor range, again providing a conservative "worst case" value for modelling purposes.

The previously submitted ISCST model assumed that styrene emissions were non-continuous at 69.9 lbs/hr. Although the lamination operations are in fact non-continuous, with no lamination during the three shift changes and their respective "lunch" breaks, to provide added operating flexibility the current model does not include specific "reduced emission" periods. No operational breaks (as currently exist in the construction permit) were included in the model; continuous operations, 24 hours per day were assumed.

Review of the model results indicate that the 8-hour average NTL will be met by the proposed exhaust system. The 24 hour average MAC shows two instances of predicted values marginally above (by approximately 7%) the NTL guidelines of 512 micrograms per cubic meter. The area of interest is an isolated area to the West of the lamination and assembly buildings, extending approximately 20 meters from the property edge. In previous discussions with FDEP, we noted that the property West of the facility is comprised of U.S. 301 and the Sarasota-Bradenton Airport, and that individual exposures consistent with the development of the "512" value for the NTL were not possible at these points. The Department agreed. Further, the "second highest" 24 hour average values at these points are well within the 24 hour NTL, indicating that the higher values are not continuously maintained.

In summary, the conservative nature of the modelling approach, in view of the worst-case assumptions and discussions presented may be assumed to provide the Department with the "reasonable assurance" required by the Department that the source when operating under actual conditions should not adversely impact the health or welfare of the general population.

If you have any questions or if I can provide additional information, please contact me at my office.

Sincerely,



Tom T. John, P.E.

enc. w/ cc: L. Keller, file

ATTACHMENT A

1

ISCST

(DATED 88348)

PROCESS BEGINS AT: 17: 9:35

DATE: 11/ 2/1993

NOTE THAT THE BUILDING DIMENSIONS ON CARD 6,1 FOR SOURCE NO. 1 DO NOT MEET THE SCHULMAN-SCIRE CRITERIA. THEREFORE, DIRECTION SPECIFIC BUILDING DIMENSIONS WILL NOT BE USED BY THE MODEL.

NOTE THAT THE BUILDING DIMENSIONS ON CARD 6,1 FOR SOURCE NO. 2 DO NOT MEET THE SCHULMAN-SCIRE CRITERIA. THEREFORE, DIRECTION SPECIFIC BUILDING DIMENSIONS WILL NOT BE USED BY THE MODEL.

NOTE THAT THE BUILDING DIMENSIONS ON CARD 6,1 FOR SOURCE NO. 3 DO NOT MEET THE SCHULMAN-SCIRE CRITERIA. THEREFORE, DIRECTION SPECIFIC BUILDING DIMENSIONS WILL NOT BE USED BY THE MODEL.

NOTE THAT THE BUILDING DIMENSIONS ON CARD 6,1 FOR SOURCE NO. 4 DO NOT MEET THE SCHULMAN-SCIRE CRITERIA. THEREFORE, DIRECTION SPECIFIC BUILDING DIMENSIONS WILL NOT BE USED BY THE MODEL.

NOTE THAT THE BUILDING DIMENSIONS ON CARD 6,1 FOR SOURCE NO. 5 DO NOT MEET THE SCHULMAN-SCIRE CRITERIA. THEREFORE, DIRECTION SPECIFIC BUILDING DIMENSIONS WILL NOT BE USED BY THE MODEL.

NOTE THAT THE BUILDING DIMENSIONS ON CARD 6,1 FOR SOURCE NO. 6 DO NOT MEET THE SCHULMAN-SCIRE CRITERIA. THEREFORE, DIRECTION SPECIFIC BUILDING DIMENSIONS WILL NOT BE USED BY THE MODEL.

NOTE THAT THE BUILDING DIMENSIONS ON CARD 6,1 FOR SOURCE NO. 7 DO NOT MEET THE SCHULMAN-SCIRE CRITERIA. THEREFORE, DIRECTION SPECIFIC BUILDING DIMENSIONS WILL NOT BE USED BY THE MODEL.

NOTE THAT THE BUILDING DIMENSIONS ON CARD 6,1 FOR SOURCE NO. 8 DO NOT MEET THE SCHULMAN-SCIRE CRITERIA. THEREFORE, DIRECTION SPECIFIC BUILDING DIMENSIONS WILL NOT BE USED BY THE MODEL.

1

*** CCB0ats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops

CALCULATE (CONCENTRATION=1,DEPOSITION=2)	ISW(1) = 1
RECEPTOR GRID SYSTEM (RECTANGULAR=1 OR 3, POLAR=2 OR 4)	ISW(2) = 3
DISCRETE RECEPTOR SYSTEM (RECTANGULAR=1,POLAR=2)	ISW(3) = 1
TERRAIN ELEVATIONS ARE READ (YES=1,NO=0)	ISW(4) = 0
CALCULATIONS ARE WRITTEN TO TAPE (YES=1,NO=0)	ISW(5) = 0
LIST ALL INPUT DATA (NO=0,YES=1,MET DATA ALSO=2)	ISW(6) = 1

COMPUTE AVERAGE CONCENTRATION (OR TOTAL DEPOSITION)

WITH THE FOLLOWING TIME PERIODS:

HOURLY (YES=1,NO=0)	ISW(7) = 0
2-HOUR (YES=1,NO=0)	ISW(8) = 0
3-HOUR (YES=1,NO=0)	ISW(9) = 0
4-HOUR (YES=1,NO=0)	ISW(10) = 0
6-HOUR (YES=1,NO=0)	ISW(11) = 0
8-HOUR (YES=1,NO=0)	ISW(12) = 1
12-HOUR (YES=1,NO=0)	ISW(13) = 0
24-HOUR (YES=1,NO=0)	ISW(14) = 1
PRINT 'N'-DAY TABLE(S) (YES=1,NO=0)	ISW(15) = 0

PRINT THE FOLLOWING TYPES OF TABLES WHOSE TIME PERIODS ARE SPECIFIED BY ISW(7) THROUGH ISW(14):

DAILY TABLES (YES=1,NO=0)	ISW(16) = 0
HIGHEST & SECOND HIGHEST TABLES (YES=1,NO=0)	ISW(17) = 1
MAXIMUM 50 TABLES (YES=1,NO=0)	ISW(18) = 0
METEOROLOGICAL DATA INPUT METHOD (PRE-PROCESSED=1,CARD=2)	ISW(19) = 1
RURAL-URBAN OPTION (RU.=0,UR. MODE 1=1,UR. MODE 2=2,UR. MODE 3=3)	ISW(20) = 0
WIND PROFILE EXPONENT VALUES (DEFAULTS=1,USER ENTERS=2,3)	ISW(21) = 1
VERTICAL POT. TEMP. GRADIENT VALUES (DEFAULTS=1,USER ENTERS=2,3)	ISW(22) = 1
SCALE EMISSION RATES FOR ALL SOURCES (NO=0,YES>0)	ISW(23) = 3
PROGRAM CALCULATES PINAL PLUME RISE ONLY (YES=1,NO=2)	ISW(24) = 1
PROGRAM ADJUSTS ALL STACK HEIGHTS FOR DOWNWASH (YES=2,NO=1)	ISW(25) = 2
PROGRAM USES BUOYANCY INDUCED DISPERSION (YES=1,NO=2)	ISW(26) = 1
CONCENTRATIONS DURING CALM PERIODS SET = 0 (YES=1,NO=2)	ISW(27) = 1
REG. DEFAULT OPTION CHOSEN (YES=1,NO=2)	ISW(28) = 1
TYPE OF POLLUTANT TO BE MODELLED (1=SO2,2=OTHER)	ISW(29) = 2
PROGRAM ADJUSTS STACK HEIGHTS (YES=1,NO=2)	ISW(30) = 2

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

1

*** CCBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops ***

*** X-COORDINATES OF RECTANGULAR GRID SYSTEM ***
(METERS)

-120.0, -100.0, -80.0,

*** Y-COORDINATES OF RECTANGULAR GRID SYSTEM ***
(METERS)

-220.0, -200.0, -180.0, -160.0, -140.0, -120.0, -100.0, -80.0, -60.0, -40.0,
-20.0, .0, 20.0, 40.0, 60.0, 80.0, 100.0, 120.0,

*** X,Y COORDINATES OF DISCRETE RECEPTORS ***
(METERS)

(60.0, -60.0), (60.0, -40.0), (60.0, -20.0), (60.0, .0), (60.0, 20.0),
(60.0, 40.0), (60.0, 60.0), (60.0, 80.0), (60.0, 100.0), (60.0, 120.0),
(60.0, 140.0), (60.0, 160.0), (60.0, 180.0), (60.0, 200.0), (60.0, 220.0),
(-160.0, -60.0), (-160.0, -40.0), (-160.0, -20.0), (-160.0, .0), (-160.0, 20.0),
(-160.0, 40.0), (-160.0, 60.0), (-160.0, 80.0), (-160.0, 100.0), (-160.0, 120.0),
(-160.0, 140.0), (-160.0, 160.0), (-160.0, 180.0), (-160.0, 200.0), (-160.0, 220.0),
(80.0, -60.0), (80.0, -40.0), (80.0, -20.0), (80.0, .0), (80.0, 20.0),
(80.0, 40.0), (80.0, 60.0), (80.0, 80.0), (80.0, 100.0), (80.0, 120.0),
(80.0, 140.0), (80.0, 160.0), (80.0, 180.0), (80.0, 200.0), (80.0, 220.0),
(-180.0, -60.0), (-180.0, -40.0), (-180.0, -20.0), (-180.0, .0), (-180.0, 20.0),
(-180.0, 40.0), (-180.0, 60.0), (-180.0, 80.0), (-180.0, 100.0), (-180.0, 120.0),
(-180.0, 140.0), (-180.0, 160.0), (-180.0, 180.0), (-180.0, 200.0), (-180.0, 220.0),
(100.0, -60.0), (100.0, -40.0), (100.0, -20.0), (100.0, .0), (100.0, 20.0),
(100.0, 40.0), (100.0, 60.0), (100.0, 80.0), (100.0, 100.0), (100.0, 120.0),
(100.0, 140.0), (100.0, 160.0), (100.0, 180.0), (100.0, 200.0), (100.0, 220.0),
(-200.0, -60.0), (-200.0, -40.0), (-200.0, -20.0), (-200.0, .0), (-200.0, 20.0),
(-200.0, 40.0), (-200.0, 60.0), (-200.0, 80.0), (-200.0, 100.0), (-200.0, 120.0),
(-200.0, 140.0), (-200.0, 160.0), (-200.0, 180.0), (-200.0, 200.0), (-200.0, 220.0),
(120.0, -60.0), (120.0, -40.0), (120.0, -20.0), (120.0, .0), (120.0, 20.0),
(120.0, 40.0), (120.0, 60.0), (120.0, 80.0), (120.0, 100.0), (120.0, 120.0),
(120.0, 140.0), (120.0, 160.0), (120.0, 180.0), (120.0, 200.0), (120.0, 220.0),
(-200.0, -60.0), (-220.0, -40.0), (-220.0, -20.0), (-220.0, .0), (-220.0, 20.0),
(-220.0, 40.0), (-220.0, 60.0), (-220.0, 80.0), (-220.0, 100.0), (-220.0, 120.0),
(-220.0, 140.0), (-220.0, 160.0), (-220.0, 180.0), (-220.0, 200.0), (-220.0, 220.0),
(

1

*** CCBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops ***

*** SOURCE DATA ***

SOURCE NUMBER	PK	PART.	Y A NUMBER	EMISSION RATE TYPE=0,1 (GRAMS/SEC)	X	Y	BASE ELEV. (METERS)	HEIGHT (METERS)	TEMP.	EXIT VEL.	BLDG. HEIGHT (METERS)	BLDG. LENGTH (METERS)	BLDG. WIDTH (METERS)	
									TYPE=0 (DEG.K);	TYPE=0 (M/SEC);				
NUMBER	E	E	CATS.	*PER METER**2	(METERS)	(METERS)	(METERS)	(METERS)	VERT.DIM TYPE=1	HORZ.DIM TYPE=1,2	DIAMETER TYPE=0	TYPE=0	TYPE=0	
1	0	0	0	.11000E+01	-13.0	.0	.0	10.80	298.00	15.50	.76	7.00	114.00	111.00
2	0	0	0	.11000E+01	5.1	.0	.0	10.80	298.00	15.50	.76	7.00	114.00	111.00
3	0	0	0	.11000E+01	9.0	.0	.0	10.80	298.00	15.50	.76	7.00	114.00	111.00
4	0	0	0	.11000E+01	14.0	.0	.0	10.80	298.00	15.50	.76	7.00	114.00	111.00
5	0	0	0	.11000E+01	20.0	.0	.0	10.80	298.00	15.50	.76	7.00	114.00	111.00
6	0	0	0	.11000E+01	25.0	.0	.0	10.80	298.00	15.50	.76	7.00	114.00	111.00
7	0	0	0	.11000E+01	37.0	.0	.0	10.80	298.00	15.50	.76	7.00	114.00	111.00
8	0	0	0	.11000E+01	41.0	.0	.0	10.80	298.00	15.50	.76	7.00	114.00	111.00

1

*** CCBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops ***

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

* FOR ALL SOURCES *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.10000E+01	2	.10000E+01	3	.10000E+01	4	.10000E+01	5	.10000E+01	6	.10000E+01
7	.10000E+01	8	.10000E+01	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.10000E+01	18	.10000E+01
19	.10000E+01	20	.10000E+01	21	.10000E+01	22	.10000E+01	23	.10000E+01	24	.10000E+01

*** CCBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops ***

* SOURCE-RECEPTOR COMBINATIONS LESS THAN 001 METERS OR THREE BUILDING HEIGHTS IN DISTANCE. NO AVERAGE CONCENTRATION IS CALCULATED *

SOURCE NUMBER	-- RECEPTOR LOCATION --		DISTANCE BETWEEN (METERS)
	X OR RANGE (METERS)	Y (METERS) OR DIRECTION (DEGREES)	
8	60.0	.0	19.00

1

HIGH

SGROUP# 1

*** CCBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops ***

* HIGHEST 8-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 775.33090 AND OCCURRED AT (-90.0, -80.0) *

Y-AXIS / X-AXIS (METERS)
(METERS) / -120.0 -100.0 -80.0

120.0 /	705.72220 (72, 1)	678.80160 (72, 1)	538.05270 (330, 1)
100.0 /	670.97960 (69, 2)	770.28330 (72, 1)	728.61580 (72, 1)
80.0 /	548.35310 (69, 2)	717.44050 (69, 2)	775.15380 (72, 1)
60.0 /	504.38930 (333, 1)	531.97380 (68, 2)	666.06760 (69, 2)
40.0 /	667.95980 (333, 1)	673.68300 (333, 1)	585.03910 (333, 1)
20.0 /	578.05800 (94, 3)	630.95120 (333, 1)	693.07910 (333, 1)
.0 /	708.88030 (94, 3)	740.38510 (94, 3)	756.00010 (94, 3)
-20.0 /	644.46490 (332, 3)	718.77660 (332, 3)	740.70060 (332, 3)
-40.0 /	627.48880 (356, 3)	578.02490 (356, 3)	514.99930 (318, 3)
-60.0 /	519.23310 (318, 3)	630.10930 (318, 3)	749.60700 (318, 1)
-80.0 /	654.22960 (318, 1)	698.73910 (340, 3)	775.33090 (340, 3)
-100.0 /	717.14400 (340, 3)	702.13030 (340, 3)	525.55270 (340, 2)
-120.0 /	616.99470 (340, 3)	476.85960 (340, 2)	660.88020 (339, 2)
-140.0 /	428.89640 (340, 2)	603.22050 (339, 2)	733.92860 (301, 2)
-160.0 /	552.58830 (339, 2)	623.57710 (301, 2)	727.35490 (301, 2)
-180.0 /	579.42140 (339, 2)	660.26310 (301, 2)	639.93070 (301, 2)
-200.0 /	576.33830 (301, 2)	623.05070 (301, 2)	512.37230 (301, 2)
-220.0 /	573.52440 (301, 2)	541.48870 (301, 2)	382.41500 (301, 2)

1

HIGH
8-HR

SGROUP# 1

*** CCBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops ***

* HIGHEST 8-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE DISCRETE RECEPTOR POINTS *

- X - - Y - CON. (DAY,PER.) - X - - Y - CON. (DAY,PER.)

60.0	-60.0	397.17190 (27, 3)	60.0	-40.0	382.74490 (112, 2)
60.0	-20.0	383.84340 (65, 2)	60.0	.0	406.11550 (99, 1)
60.0	20.0	439.09800 (58, 2)	60.0	40.0	406.57900 (58, 2)
60.0	60.0	291.76710 (41, 2)	60.0	80.0	347.20970 (41, 2)
60.0	100.0	361.97520 (352, 2)	60.0	120.0	377.83960 (79, 2)
60.0	140.0	392.81600 (79, 2)	60.0	160.0	382.61130 (79, 2)
60.0	180.0	363.92490 (37, 2)	60.0	200.0	341.09530 (37, 2)
60.0	220.0	318.19270 (346, 2)	-160.0	-60.0	543.81490 (260, 2)
-160.0	-40.0	563.66390 (332, 3)	-160.0	-20.0	534.45280 (314, 2)
-160.0	.0	636.40940 (94, 3)	-160.0	20.0	598.45210 (94, 3)
-160.0	40.0	573.69600 (333, 1)	-160.0	60.0	574.55530 (333, 1)

-160.0	80.0	427.31260	(134, 2)	-160.0	100.0	430.48540	(68, 2)
-160.0	120.0	546.00850	(69, 2)	-160.0	140.0	543.60260	(77, 3)
-160.0	160.0	590.85520	(77, 3)	-160.0	180.0	504.99260	(72, 1)
-160.0	200.0	379.20870	(72, 1)	-160.0	220.0	349.60120	(330, 1)
80.0	-60.0	520.96590	(112, 2)	80.0	-40.0	474.31910	(20, 2)
80.0	-20.0	534.68690	(106, 2)	80.0	.0	583.58430	(99, 1)
80.0	20.0	629.01810	(98, 3)	80.0	40.0	707.75830	(58, 2)
80.0	60.0	365.76700	(58, 2)	80.0	80.0	316.05830	(63, 2)
80.0	100.0	353.68100	(35, 2)	80.0	120.0	377.60880	(10, 2)
80.0	140.0	373.76400	(214, 2)	80.0	160.0	370.35000	(214, 2)
80.0	180.0	351.68940	(321, 2)	80.0	200.0	348.18250	(37, 2)
80.0	220.0	345.71530	(37, 2)	-180.0	-60.0	526.17800	(260, 2)
-180.0	-40.0	538.74130	(332, 3)	-180.0	-20.0	538.86710	(314, 2)
-180.0	.0	597.78280	(94, 3)	-180.0	20.0	591.45720	(94, 3)
-180.0	40.0	516.01150	(333, 1)	-180.0	60.0	542.37490	(333, 1)
-180.0	80.0	461.52570	(333, 1)	-180.0	100.0	409.79250	(68, 2)
-180.0	120.0	443.43550	(69, 2)	-180.0	140.0	502.11910	(69, 2)
-180.0	160.0	537.44700	(77, 3)	-180.0	180.0	551.13100	(77, 3)
-180.0	200.0	467.37760	(72, 1)	-180.0	220.0	363.39470	(72, 1)
100.0	-60.0	556.74630	(112, 2)	100.0	-40.0	568.08260	(20, 2)
100.0	-20.0	582.18880	(106, 2)	100.0	.0	680.83730	(184, 2)
100.0	20.0	592.43420	(98, 3)	100.0	40.0	709.41680	(58, 2)
100.0	60.0	635.35270	(58, 2)	100.0	80.0	347.89900	(111, 2)
100.0	100.0	343.40760	(63, 2)	100.0	120.0	345.23240	(35, 2)
100.0	140.0	379.71040	(10, 2)	100.0	160.0	352.01020	(10, 2)
100.0	180.0	343.00350	(214, 2)	100.0	200.0	326.78750	(214, 2)
100.0	220.0	321.76910	(321, 2)	-200.0	-60.0	486.94480	(260, 2)

1

HIGH
8-HR

SGROUP# 1

*** CCBBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops ***

* HIGHEST 8-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM ALL SOURCES *

* FOR THE DISCRETE RECEPTOR POINTS *

- X -	- Y -	CON.	(DAY,PER.)	- X -	- Y -	CON.	(DAY,PER.)
-200.0	-40.0	489.37500	(332, 3)	-200.0	-20.0	530.71770	(314, 2)
-200.0	.0	558.28020	(94, 3)	-200.0	20.0	576.77120	(94, 3)
-200.0	40.0	456.59310	(333, 1)	-200.0	60.0	500.43160	(333, 1)
-200.0	80.0	472.18720	(333, 1)	-200.0	100.0	439.30670	(343, 1)
-200.0	120.0	366.19900	(68, 2)	-200.0	140.0	445.46330	(69, 2)
-200.0	160.0	461.47740	(69, 2)	-200.0	180.0	520.31430	(77, 3)
-200.0	200.0	511.46150	(77, 3)	-200.0	220.0	433.22960	(72, 1)
120.0	-60.0	588.55740	(20, 2)	120.0	-40.0	674.38890	(65, 2)
120.0	-20.0	691.09590	(358, 2)	120.0	.0	725.93350	(184, 2)
120.0	20.0	476.92080	(62, 2)	120.0	40.0	740.11120	(98, 3)
120.0	60.0	717.43760	(58, 2)	120.0	80.0	521.87980	(58, 2)
120.0	100.0	352.58950	(63, 2)	120.0	120.0	330.58740	(63, 2)
120.0	140.0	313.84390	(35, 2)	120.0	160.0	334.94900	(10, 2)
120.0	180.0	346.90280	(10, 2)	120.0	200.0	343.59440	(185, 2)
120.0	220.0	311.66750	(185, 2)	-200.0	-60.0	486.94480	(260, 2)
-220.0	-40.0	435.50700	(332, 3)	-220.0	-20.0	514.91090	(314, 2)
-220.0	.0	523.33620	(314, 2)	-220.0	20.0	558.14280	(94, 3)
-220.0	40.0	412.95590	(327, 2)	-220.0	60.0	457.85410	(333, 1)

-220.0	80.0	462.47030	(333, 1)	-220.0	100.0	424.65010	(343, 1)
-220.0	120.0	397.73700	(343, 1)	-220.0	140.0	357.99130	(69, 2)
-220.0	160.0	431.68150	(69, 2)	-220.0	180.0	424.71030	(357, 2)
-220.0	200.0	497.16260	(77, 3)	-220.0	220.0	474.95510	(77, 3)

1
HIGH

2ND

8-BR

SGROUP# 1

*** CCBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops ***

* SECOND HIGHEST 8-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 700.18270 AND OCCURRED AT (-80.0, -80.0) *

Y-AXIS /			X-AXIS (METERS)
(METERS) /	-120.0	-100.0	-80.0

120.0 /	656.01230 (77, 3)	552.00150 (77, 3)	479.32880 (78, 1)
100.0 /	602.38730 (357, 2)	670.74940 (77, 3)	571.03980 (77, 3)
80.0 /	489.62010 (68, 2)	619.46580 (357, 2)	684.03860 (69, 2)
60.0 /	494.80650 (134, 2)	525.34070 (134, 2)	559.81040 (357, 2)
40.0 /	510.30260 (315, 2)	497.40400 (147, 2)	470.67220 (134, 2)
20.0 /	559.19170 (333, 1)	548.56470 (94, 3)	496.85390 (94, 3)
.0 /	673.80040 (314, 2)	677.82270 (314, 2)	655.96630 (314, 2)
-20.0 /	470.96330 (318, 2)	561.62300 (356, 3)	673.06150 (356, 3)
-40.0 /	563.63180 (258, 2)	522.79190 (258, 2)	514.33140 (356, 2)
-60.0 /	512.00680 (89, 2)	616.98720 (356, 2)	657.21130 (356, 2)
-80.0 /	599.25060 (292, 2)	690.06750 (318, 1)	700.18270 (340, 2)
-100.0 /	613.39530 (340, 2)	629.38850 (340, 2)	492.91180 (339, 2)
-120.0 /	551.28870 (340, 2)	456.35280 (317, 3)	612.94230 (301, 2)
-140.0 /	424.58280 (317, 3)	495.97200 (301, 2)	623.35390 (339, 2)
-160.0 /	425.36830 (290, 2)	607.13650 (339, 2)	483.90750 (339, 2)
-180.0 /	519.97550 (301, 2)	514.77920 (339, 2)	424.26730 (12, 2)
-200.0 /	517.84830 (339, 2)	401.10480 (12, 2)	363.34880 (12, 2)
-220.0 /	420.39570 (339, 2)	365.96560 (12, 2)	291.09550 (12, 2)

1
HIGH

2ND

SGROUP# 1

*** CCBBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops

* SECOND HIGHEST 8-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE DISCRETE RECEPTOR POINTS *

- X -	- Y -	CON.	(DAY,PER.)	- X -	- Y -	CON.	(DAY,PER.)
60.0	-60.0	362.14800	(112, 2)	60.0	-40.0	354.41020	(60, 2)
60.0	-20.0	349.94760	(106, 2)	60.0	.0	353.66830	(184, 2)
60.0	20.0	398.07470	(98, 3)	60.0	40.0	285.89140	(58, 3)
60.0	60.0	260.98660	(48, 2)	60.0	80.0	334.27070	(10, 2)
60.0	100.0	332.90580	(79, 2)	60.0	120.0	345.23660	(214, 2)
60.0	140.0	370.29800	(37, 2)	60.0	160.0	376.97190	(37, 2)
60.0	180.0	355.78580	(79, 2)	60.0	200.0	324.85270	(79, 2)
60.0	220.0	314.56840	(37, 2)	-160.0	-60.0	515.47060	(258, 2)
-160.0	-40.0	546.46890	(356, 3)	-160.0	-20.0	497.66780	(332, 3)
-160.0	.0	625.70780	(314, 2)	-160.0	20.0	565.65820	(311, 3)
-160.0	40.0	521.91480	(315, 2)	-160.0	60.0	441.46530	(315, 2)
-160.0	80.0	422.31760	(343, 1)	-160.0	100.0	409.73890	(69, 2)
-160.0	120.0	481.11200	(328, 2)	-160.0	140.0	522.12020	(72, 1)
-160.0	160.0	573.06650	(72, 1)	-160.0	180.0	465.33030	(77, 3)
-160.0	200.0	322.55730	(225, 1)	-160.0	220.0	345.11940	(225, 1)
80.0	-60.0	462.99890	(60, 2)	80.0	-40.0	467.47890	(112, 2)
80.0	-20.0	513.36750	(65, 2)	80.0	.0	553.32240	(184, 2)
80.0	20.0	400.02060	(58, 2)	80.0	40.0	438.13320	(58, 3)
80.0	60.0	321.14520	(58, 3)	80.0	80.0	307.39030	(35, 2)
80.0	100.0	342.54180	(10, 2)	80.0	120.0	341.62230	(35, 2)
80.0	140.0	334.90740	(352, 2)	80.0	160.0	335.99110	(321, 2)
80.0	180.0	344.67310	(214, 2)	80.0	200.0	344.84000	(321, 2)
80.0	220.0	323.89930	(321, 2)	-180.0	-60.0	508.15050	(258, 2)
-180.0	-40.0	511.88410	(258, 2)	-180.0	-20.0	435.70290	(332, 3)
-180.0	.0	592.41630	(314, 2)	-180.0	20.0	555.77080	(311, 3)
-180.0	40.0	487.05690	(315, 2)	-180.0	60.0	454.13550	(315, 2)
-180.0	80.0	375.69940	(343, 1)	-180.0	100.0	402.31290	(343, 1)
-180.0	120.0	398.45890	(328, 2)	-180.0	140.0	459.65260	(357, 2)
-180.0	160.0	498.65780	(72, 1)	-180.0	180.0	525.22390	(72, 1)
-180.0	200.0	433.50700	(77, 3)	-180.0	220.0	297.72560	(225, 1)
100.0	-60.0	408.55130	(20, 2)	100.0	-40.0	559.04380	(65, 2)
100.0	-20.0	494.48910	(358, 2)	100.0	.0	634.97750	(99, 1)
100.0	20.0	408.32540	(105, 3)	100.0	40.0	526.71640	(98, 3)
100.0	60.0	467.63190	(58, 3)	100.0	80.0	342.43310	(63, 2)
100.0	100.0	310.70520	(35, 2)	100.0	120.0	325.49100	(10, 2)
100.0	140.0	335.60080	(35, 2)	100.0	160.0	341.25150	(352, 2)
100.0	180.0	317.87220	(352, 2)	100.0	200.0	314.48430	(321, 2)
100.0	220.0	300.26690	(214, 2)	-200.0	-60.0	486.01730	(258, 2)

1
HIGH

2ND

8-HR

SGROUP# 1

*** CCBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops

* SECOND HIGHEST 8-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
 * FROM ALL SOURCES *
 * FOR THE DISCRETE RECEPTOR POINTS *

- X -	- Y -	CON.	(DAY, PER.)	- X -	- Y -	CON.	(DAY, PER.)
-200.0	-40.0	473.57400	(258, 2)	-200.0	-20.0	383.50330	(332, 3)
-200.0	.0	557.65190	(314, 2)	-200.0	20.0	534.50210	(311, 3)
-200.0	40.0	442.48710	(315, 2)	-200.0	60.0	446.26510	(315, 2)
-200.0	80.0	343.46650	(315, 2)	-200.0	100.0	362.81780	(68, 2)
-200.0	120.0	336.05640	(134, 2)	-200.0	140.0	386.12230	(328, 2)
-200.0	160.0	446.12920	(357, 2)	-200.0	180.0	474.17900	(72, 1)
-200.0	200.0	484.64150	(72, 1)	-200.0	220.0	404.15750	(77, 3)
120.0	-60.0	469.66190	(112, 2)	120.0	-40.0	612.69920	(106, 2)
120.0	-20.0	542.00020	(19, 2)	120.0	.0	614.48280	(99, 1)
120.0	20.0	415.22170	(98, 2)	120.0	40.0	482.51180	(58, 2)
120.0	60.0	449.85200	(58, 3)	120.0	80.0	422.85000	(58, 3)
120.0	100.0	347.74050	(111, 2)	120.0	120.0	287.84710	(35, 2)
120.0	140.0	268.42110	(10, 2)	120.0	160.0	311.77340	(185, 2)
120.0	180.0	346.55120	(185, 2)	120.0	200.0	336.98880	(352, 2)
120.0	220.0	298.77270	(352, 2)	-200.0	-60.0	486.01730	(258, 2)
-220.0	-40.0	433.32210	(258, 2)	-220.0	-20.0	342.67230	(69, 1)
-220.0	.0	521.25310	(94, 3)	-220.0	20.0	508.04630	(311, 3)
-220.0	40.0	409.81020	(311, 3)	-220.0	60.0	424.77500	(315, 2)
-220.0	80.0	352.09680	(315, 2)	-220.0	100.0	375.06450	(333, 1)
-220.0	120.0	344.67820	(68, 2)	-220.0	140.0	320.05950	(328, 2)
-220.0	160.0	385.05490	(357, 2)	-220.0	180.0	421.25480	(69, 2)
-220.0	200.0	447.55970	(72, 1)	-220.0	220.0	447.21060	(72, 1)

1

HIGH
24-HR

SGROUP# 1

*** CCBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
 * FROM ALL SOURCES *
 * FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 542.75320 AND OCCURRED AT (-80.0, -80.0) *

Y-AXIS / (METERS) /	-120.0	-100.0	X-AXIS (METERS) -80.0
120.0 /	370.22540 (72, 1)	364.66330 (72, 1)	265.49630 (72, 1)
100.0 /	299.88660 (72, 1)	404.74520 (72, 1)	392.73490 (72, 1)
80.0 /	237.39090 (147, 1)	278.55510 (69, 1)	412.34660 (72, 1)
60.0 /	256.03910 (147, 1)	268.17020 (147, 1)	250.31550 (69, 1)
40.0 /	260.00860 (147, 1)	264.51680 (147, 1)	267.37070 (147, 1)
20.0 /	385.52360(94, 1)	368.89930(94, 1)	329.72200(94, 1)
.0 /	451.96730(94, 1)	464.56810(94, 1)	460.78270(94, 1)
-20.0 /	242.43420 (84, 1)	253.10290 (84, 1)	274.11360 (356, 1)

-40.0 /	287.52210 (356, 1)	307.42550 (356, 1)	425.57700 (318, 1)
-60.0 /	398.10780 (318, 1)	510.99790 (318, 1)	521.91520 (318, 1)
-80.0 /	486.58600 (318, 1)	457.10080 (340, 1)	542.75320 (340, 1)
-100.0 /	455.99770 (340, 1)	491.87310 (340, 1)	428.08000 (340, 1)
-120.0 /	434.69350 (340, 1)	381.07280 (340, 1)	375.29990 (339, 1)
-140.0 /	338.63430 (340, 1)	350.27560 (339, 1)	319.95440 (339, 1)
-160.0 /	328.80380 (339, 1)	311.73310 (339, 1)	271.07670C(301, 1)
-180.0 /	302.02250 (339, 1)	254.21200C(301, 1)	229.35920C(301, 1)
-200.0 /	250.52840 (339, 1)	228.25040C(301, 1)	180.76860C(301, 1)
-220.0 /	216.94850C(301, 1)	193.89050C(301, 1)	142.08510 (339, 1)

1

HIGH
24-HR

SGROUP# 1

*** CCBots 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *

* FROM ALL SOURCES *

* FOR THE DISCRETE RECEPTOR POINTS *

- X -	- Y -	CON.	(DAY, PER.)	- X -	- Y -	CON.	(DAY, PER.)
60.0	-60.0	213.65220	(27, 1)	60.0	-40.0	233.87510	(27, 1)
60.0	-20.0	219.80220	(106, 1)	60.0	.0	231.74570	(99, 1)
60.0	20.0	211.31390	(58, 1)	60.0	40.0	251.10720	(58, 1)
60.0	60.0	148.32640C	(73, 1)	60.0	80.0	203.67530C	(73, 1)
60.0	100.0	209.84550C	(73, 1)	60.0	120.0	186.32030C	(73, 1)
60.0	140.0	163.96240	(10, 1)	60.0	160.0	152.77970	(41, 1)
60.0	180.0	143.33860	(41, 1)	60.0	200.0	139.80340	(37, 1)
60.0	220.0	137.59060	(37, 1)	-160.0	-60.0	226.40320	(356, 1)
-160.0	-40.0	222.08690	(356, 1)	-160.0	-20.0	205.76010	(84, 1)
-160.0	.0	407.26040C	(94, 1)	-160.0	20.0	381.08970C	(94, 1)
-160.0	40.0	265.64940C	(94, 1)	-160.0	60.0	221.12590	(147, 1)
-160.0	80.0	229.02910	(147, 1)	-160.0	100.0	206.13530	(147, 1)
-160.0	120.0	219.26320	(69, 1)	-160.0	140.0	281.59950	(72, 1)
-160.0	160.0	297.34680	(72, 1)	-160.0	180.0	266.56070	(72, 1)
-160.0	200.0	216.15990	(72, 1)	-160.0	220.0	156.93630	(72, 1)
80.0	-60.0	304.10240	(27, 1)	80.0	-40.0	259.68870C	(26, 1)
80.0	-20.0	333.86210	(106, 1)	80.0	.0	332.29130	(99, 1)
80.0	20.0	342.52110C	(98, 1)	80.0	40.0	405.69000	(58, 1)
80.0	60.0	253.49850	(58, 1)	80.0	80.0	155.26250C	(73, 1)
80.0	100.0	207.31590C	(73, 1)	80.0	120.0	221.68960C	(73, 1)
80.0	140.0	208.04890C	(73, 1)	80.0	160.0	179.69090C	(73, 1)
80.0	180.0	160.82650C	(214, 1)	80.0	200.0	142.16590C	(214, 1)
80.0	220.0	141.29100	(37, 1)	-180.0	-60.0	213.48500	(356, 1)
-180.0	-40.0	195.59380	(124, 1)	-180.0	-20.0	191.26400C	(104, 1)
-180.0	.0	380.04730C	(94, 1)	-180.0	20.0	367.79050C	(94, 1)
-180.0	40.0	264.21220C	(94, 1)	-180.0	60.0	216.58040	(147, 1)
-180.0	80.0	206.45140	(147, 1)	-180.0	100.0	210.56550	(147, 1)
-180.0	120.0	178.00270	(69, 1)	-180.0	140.0	209.34280	(69, 1)
-180.0	160.0	266.66380	(77, 1)	-180.0	180.0	273.77760	(77, 1)
-180.0	200.0	244.34740	(72, 1)	-180.0	220.0	204.49790	(72, 1)
100.0	-60.0	273.63610	(27, 1)	100.0	-40.0	324.39650	(106, 1)
100.0	-20.0	366.72010	(106, 1)	100.0	.0	360.97640	(99, 1)
100.0	20.0	382.48330C	(98, 1)	100.0	40.0	369.47200	(58, 1)
100.0	60.0	404.12450	(58, 1)	100.0	80.0	225.12210	(58, 1)
100.0	100.0	140.38330C	(57, 1)	100.0	120.0	173.07660C	(73, 1)

100.0	140.0	201.10190C (73, 1)	100.0	160.0	202.51630 (10, 1)
100.0	180.0	188.71520 (10, 1)	100.0	200.0	169.81620 (10, 1)
100.0	220.0	151.21410 (10, 1)	-200.0	-60.0	203.45620 (356, 1)

1

HIGH
24-HR

SGROUP# 1

*** CCBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops ***

* HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
 * FROM ALL SOURCES *
 * FOR THE DISCRETE RECEPTOR POINTS *

- X -	- Y -	CON.	(DAY,PER.)	- X -	- Y -	CON.	(DAY,PER.)
-200.0	-40.0	182.00540	(124, 1)	-200.0	-20.0	186.20220	(314, 1)
-200.0	.0	352.30420C	(94, 1)	-200.0	20.0	351.05700C	(94, 1)
-200.0	40.0	256.87030C	(94, 1)	-200.0	60.0	210.22510	(147, 1)
-200.0	80.0	188.77720	(147, 1)	-200.0	100.0	204.44550	(147, 1)
-200.0	120.0	178.65170	(147, 1)	-200.0	140.0	183.22170	(69, 1)
-200.0	160.0	206.10850	(72, 1)	-200.0	180.0	254.90710	(77, 1)
-200.0	200.0	251.23160	(77, 1)	-200.0	220.0	225.07030	(72, 1)
120.0	-60.0	262.95540C	(20, 1)	120.0	-40.0	369.04830	(106, 1)
120.0	-20.0	349.20350	(106, 1)	120.0	.0	349.03290	(99, 1)
120.0	20.0	339.55380C	(98, 1)	120.0	40.0	376.38550C	(98, 1)
120.0	60.0	415.53650	(58, 1)	120.0	80.0	354.37450	(58, 1)
120.0	100.0	198.28710	(58, 1)	120.0	120.0	131.15950C	(57, 1)
120.0	140.0	135.60800C	(73, 1)	120.0	160.0	165.45000	(10, 1)
120.0	180.0	189.25380	(10, 1)	120.0	200.0	192.65490	(10, 1)
120.0	220.0	181.75010	(10, 1)	-200.0	-60.0	203.45620	(356, 1)
-220.0	-40.0	167.37110	(124, 1)	-220.0	-20.0	181.85820	(314, 1)
-220.0	.0	326.27950C	(94, 1)	-220.0	20.0	333.14610C	(94, 1)
-220.0	40.0	248.45090C	(94, 1)	-220.0	60.0	197.86320	(147, 1)
-220.0	80.0	181.32030	(147, 1)	-220.0	100.0	187.67270	(147, 1)
-220.0	120.0	186.05150	(147, 1)	-220.0	140.0	157.45100	(222, 1)
-220.0	160.0	181.98250	(69, 1)	-220.0	180.0	204.29910	(72, 1)
-220.0	200.0	240.84120	(77, 1)	-220.0	220.0	230.79500	(77, 1)

1
HIGH

2ND

24-HR

SGROUP# 1

*** CCBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
 * FROM ALL SOURCES *
 * FOR THE RECEPTOR GRID *

* MAXIMUM VALUE EQUALS 443.75860 AND OCCURRED AT (-80.0, -60.0) *

Y-AXIS / X-AXIS (METERS)
 (METERS) / -120.0 -100.0 -80.0

120.0 /	340.43740 (77, 1)	305.03140 (77, 1)	233.78660 (78, 1)
100.0 /	267.90710 (69, 1)	353.67130 (77, 1)	320.46550 (77, 1)
80.0 /	206.74930 (69, 1)	272.30180 (72, 1)	347.62200 (77, 1)
60.0 /	234.31040C(333, 1)	216.46310 (357, 1)	249.00580 (147, 1)
40.0 /	239.59250C(333, 1)	257.80760C(333, 1)	257.66500C(333, 1)
20.0 /	285.59410 (311, 1)	281.29780 (95, 1)	257.14640 (95, 1)
.0 /	302.65160 (312, 1)	302.75920 (312, 1)	305.30240 (9, 1)
-20.0 /	219.40050 (109, 1)	239.71140 (332, 1)	249.15260 (84, 1)
-40.0 /	235.90210 (318, 1)	303.23630 (318, 1)	327.98860 (356, 1)
-60.0 /	295.07560 (8, 1)	387.52610 (8, 1)	443.75860 (8, 1)
-80.0 /	379.79280 (8, 1)	433.48040 (318, 1)	437.50250 (8, 1)
-100.0 /	385.92330 (8, 1)	415.78410 (8, 1)	328.84420 (339, 1)
-120.0 /	386.17560 (8, 1)	310.61780 (339, 1)	304.89790 (340, 1)
-140.0 /	287.25940 (339, 1)	281.87750 (340, 1)	293.22950C(301, 1)
-160.0 /	260.78490 (340, 1)	261.41310C(301, 1)	247.35280 (339, 1)
-180.0 /	231.90260C(301, 1)	250.89020 (339, 1)	195.90610 (339, 1)
-200.0 /	232.25550C(301, 1)	198.33700 (339, 1)	162.19350 (339, 1)
-220.0 /	201.48280 (339, 1)	160.43270 (339, 1)	134.31570C(301, 1)

1
HIGH

2ND

24-HR

SGROUP# 1

*** CCBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
 * FROM ALL SOURCES *
 * FOR THE DISCRETE RECEPTOR POINTS *

- X - - Y - CON. (DAY,PER.) - X - - Y - CON. (DAY,PER.)

60.0	-60.0	179.88460C (60, 1)	60.0	-40.0	190.61780C (60, 1)
60.0	-20.0	170.78490C (65, 1)	60.0	.0	157.30290C (358, 1)
60.0	20.0	198.72640C (98, 1)	60.0	40.0	96.42989C (57, 1)
60.0	60.0	120.00730 (10, 1)	60.0	80.0	194.63180 (10, 1)
60.0	100.0	198.06180 (10, 1)	60.0	120.0	182.37440 (10, 1)
60.0	140.0	154.71390C (214, 1)	60.0	160.0	146.86150 (36, 1)
60.0	180.0	140.43830 (36, 1)	60.0	200.0	132.43800 (36, 1)
60.0	220.0	123.72810 (36, 1)	-160.0	-60.0	224.52800 (318, 1)
-160.0	-40.0	207.89320 (124, 1)	-160.0	-20.0	195.77640C (104, 1)
-160.0	.0	290.15300 (312, 1)	-160.0	20.0	299.36790 (311, 1)
-160.0	40.0	222.42590 (147, 1)	-160.0	60.0	213.00830C (333, 1)

-160.0	80.0	199.50320C (333, 1)	-160.0	100.0	173.00410C (220, 1)
-160.0	120.0	200.53640C (220, 1)	-160.0	140.0	273.64230 (77, 1)
-160.0	160.0	297.31090 (77, 1)	-160.0	180.0	242.46380 (77, 1)
-160.0	200.0	165.94060 (77, 1)	-160.0	220.0	154.94860 (78, 1)
80.0	-60.0	249.92600 (112, 1)	80.0	-40.0	240.37400 (27, 1)
80.0	-20.0	229.51410C (65, 1)	80.0	.0	226.65290C (358, 1)
80.0	20.0	197.51870 (58, 1)	80.0	40.0	114.06900C (98, 1)
80.0	60.0	163.70190C (57, 1)	80.0	80.0	130.36850C (57, 1)
80.0	100.0	181.30450 (10, 1)	80.0	120.0	216.91470 (10, 1)
80.0	140.0	207.17960 (10, 1)	80.0	160.0	177.25810 (10, 1)
80.0	180.0	151.80250 (10, 1)	80.0	200.0	134.15940 (10, 1)
80.0	220.0	123.31410 (41, 1)	-180.0	-60.0	203.36480 (260, 1)
-180.0	-40.0	187.84040 (109, 1)	-180.0	-20.0	188.52530 (314, 1)
-180.0	.0	281.37970 (312, 1)	-180.0	20.0	289.21930 (311, 1)
-180.0	40.0	201.93670 (311, 1)	-180.0	60.0	194.07480C (333, 1)
-180.0	80.0	194.51200C (333, 1)	-180.0	100.0	179.96590C (343, 1)
-180.0	120.0	175.63270 (147, 1)	-180.0	140.0	201.43320 (72, 1)
-180.0	160.0	264.94220 (72, 1)	-180.0	180.0	269.58150 (72, 1)
-180.0	200.0	222.42280 (77, 1)	-180.0	220.0	156.44090 (77, 1)
100.0	-60.0	266.18410 (112, 1)	100.0	-40.0	285.16050C (26, 1)
100.0	-20.0	282.31520 (19, 1)	100.0	.0	269.33620 (184, 1)
100.0	20.0	240.77150C (105, 1)	100.0	40.0	255.23470C (98, 1)
100.0	60.0	158.61720C (57, 1)	100.0	80.0	170.02920C (57, 1)
100.0	100.0	128.36580 (111, 1)	100.0	120.0	160.59740 (10, 1)
100.0	140.0	200.74260 (10, 1)	100.0	160.0	201.98070C (73, 1)
100.0	180.0	185.47650C (73, 1)	100.0	200.0	162.53590C (214, 1)
100.0	220.0	146.41350C (214, 1)	-200.0	-60.0	197.80390 (260, 1)

1
HIGH

2ND

24-HR

SGROUP# 1

*** CCBoats 8 fans 1.11 g/s 15.5 m/s 10.8 m 24 hrs ops

* SECOND HIGHEST 24-HOUR AVERAGE CONCENTRATION (MICROGRAMS/CUBIC METER) *
* FROM ALL SOURCES *
* FOR THE DISCRETE RECEPTOR POINTS *

- X -	- Y -	CON.	(DAY, PER.)	- X -	- Y -	CON.	(DAY, PER.)
-200.0	-40.0	173.64610	(258, 1)	-200.0	-20.0	184.91050C	(104, 1)
-200.0	.0	272.39330	(312, 1)	-200.0	20.0	276.00000	(312, 1)
-200.0	40.0	221.78530	(311, 1)	-200.0	60.0	182.84030C	(94, 1)
-200.0	80.0	181.80100C	(333, 1)	-200.0	100.0	186.40900C	(343, 1)
-200.0	120.0	162.33210	(186, 1)	-200.0	140.0	174.09270	(222, 1)
-200.0	160.0	199.64500	(69, 1)	-200.0	180.0	247.76460	(72, 1)
-200.0	200.0	246.32960	(72, 1)	-200.0	220.0	204.39330	(77, 1)
120.0	-60.0	262.49310C	(26, 1)	120.0	-40.0	299.76680C	(65, 1)
120.0	-20.0	299.97380	(19, 1)	120.0	.0	285.99520	(184, 1)
120.0	20.0	238.55910C	(105, 1)	120.0	40.0	231.02580	(58, 1)
120.0	60.0	151.27790	(202, 1)	120.0	80.0	176.31750C	(57, 1)
120.0	100.0	158.24830C	(57, 1)	120.0	120.0	123.75540	(111, 1)
120.0	140.0	122.78280C	(53, 1)	120.0	160.0	161.25990C	(73, 1)
120.0	180.0	172.10490C	(73, 1)	120.0	200.0	169.37140C	(73, 1)
120.0	220.0	157.49410C	(73, 1)	-200.0	-60.0	197.80390	(260, 1)
-220.0	-40.0	164.23200	(258, 1)	-220.0	-20.0	177.22710C	(104, 1)
-220.0	.0	263.70090	(312, 1)	-220.0	20.0	278.43460	(312, 1)

-220.0	40.0	236.74760	(311, 1)	-220.0	60.0	188.88510C	(94, 1)
-220.0	80.0	169.23290C	(333, 1)	-220.0	100.0	174.47950C	(343, 1)
-220.0	120.0	172.99980C	(343, 1)	-220.0	140.0	153.10130	(69, 1)
-220.0	160.0	165.11690	(222, 1)	-220.0	180.0	198.72810	(77, 1)
-220.0	200.0	230.61750	(72, 1)	-220.0	220.0	225.76920	(72, 1)

PROCESS FINISHES AT: 17:36:52

DATE: 11/ 2/1993



ATTACHMENT C
 QUOTATION #

601 School Avenue
 Sarasota, Fl. 34237
 813/955-9715
 Fax 813/954-4737

September 15, 1993

TO: Chris Craft DBA: _____
 Attn: _____
Dave Marvel
 Estimated ship _____, Shipped via _____ F.O.B. _____ Terms 50% Down
 Date: _____ 50% Comp

QUANTITY	DESCRIPTION	PRICE	AMOUNT
	<p>Modify 7 existing exhaust vents, Price includes 7 new 5Hp 208v 3ph explosion proof motors. Fabrication and installation of new duct to raise the vent 34 feet at 30" in diameter. Electrical hook up by others,</p> <p>Price is complete, including new pulley's and belts.</p> <p>This quote is based on information supplied by engineer</p> <p><u>220V 4POV MULTI MOTOR</u></p>		\$ 12,450.00
<p>Prices do not include Sales Tax.</p> <p>All prices are subject to field measure and inspection of the job site. It is the responsibility of the purchaser to provide adequate and easy access to the premises and/or to the items final location.</p> <p>Quotation is valid for 60 days. thereafter it is subject to change without notice.</p>			

A & G MANUFACTURING COMPANY IS NOT RESPONSIBLE FOR ELECTRICAL WORK, ROOF AND WALL PENETRATIONS, RELOCATING OR REMOVAL OF ANY OBSTRUCTIONS, PLUMBING, ELECTRICAL, AIR CONDITIONING, GAS, WATER OR SEWER LINES, BEAMS OR STRUCTURAL MEMBERS, FURNISHINGS, EQUIPMENT OR ANYTHING ELSE WHICH WOULD HAMPER OR DELAY A NORMAL ENTRY OR INSTALLATION.

I have read, understand and duly note the above referenced clause.

Signed Dave Marvel
 UPON ACCEPTANCE

quote.doc

MANUFACTURERS OF CUSTOM STAINLESS STEEL FABRICATIONS,
 VENTILATION SYSTEMS AND FOOD SERVICE EQUIPMENT.

*Chris*Craft*

October 29, 1993

U. S. Department of Transportation
Federal Aviation Administration
Southern Regional Office
Air Traffic Division ASO-530
P. O. Box 20636
Atlanta, GA 30320

ATTN: Mr. Armando Castro

Dear Mr. Castro:

Enclosed please find a completed FAA Form 7460-1 for the proposed installation of eight (8) exhaust stacks at the OMC Chris*Craft facility, which is located at 8161 15th Street East, Sarasota, Florida. The exhaust stacks are necessary to meet Florida DER air permitting requirements.

We do not believe that the proposed construction will have any adverse impact on the Sarasota/Bradenton Airport. However, we would like your approval before proceeding with this project. Our goal is to begin construction of the stacks by December 1, 1993.

If you have any questions or comments, please do not hesitate to contact me at 813-351-4900 Ext. 500. Your prompt review will be appreciated.

Sincerely,

Tim R. Reid
General Manager

TRR/kad

Enclosures

cc: L. Keller, OMC
R. Mellberg, FBG
T. John Engineering

8161 15th Street East, Sarasota, Florida 34243
813-351-4900 FAX 813-351-8974

NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION

§77.13 Construction or alteration requiring notice.

(a) Except as provided in §77.15, each sponsor who proposes any of the following construction or alteration shall notify the Administrator in the form and manner prescribed in §77.17:

(1) Any construction or alteration of more than 200 feet in height above the ground level at its site.

(2) Any construction or alteration of greater height than an imaginary surface extending outward and upward at one of the following slopes:

(i) 100 to 1 for a horizontal distance of 20,000 feet from the nearest point of the nearest runway of each airport specified in subparagraph (5) of this paragraph with at least one runway more than 3,200 feet in actual length, excluding heliports.

(ii) 50 to 1 for a horizontal distance of 10,000 feet from the nearest point of the nearest runway of each airport specified in subparagraph (5) of this paragraph with its longest runway no more than 3,200 feet in actual length, excluding heliports.

(iii) 25 to 1 for a horizontal distance of 5,000 feet from the nearest point of the nearest landing and takeoff area of each heliport specified in subparagraph (5) of this paragraph.

(3) Any highway, railroad, or other traverse way for mobile objects, of a height which, if adjusted upward 17 feet for an Interstate Highway that is part of the National System of Military and Interstate Highways where overcrossings are designed for a minimum of 17 feet vertical clearance, 15 feet for any other public roadway, 10 feet or the height of the highest mobile object that would normally traverse the road, whichever is greater, for a private road, 23 feet for a railroad, and for a waterway or any other traverse way not previously mentioned, an amount equal to the height of the highest mobile object that would normally traverse it, would exceed a standard of subparagraph (1) or (2) of this paragraph.

(4) When requested by the FAA, any construction or alteration that would be in an instrument approach area (defined in the FAA standards governing instrument approach procedures) and available information indicates it might exceed a standard of Subpart C of this part.

(5) Any construction or alteration on any of the following airports (including heliports):

(i) An airport that is available for public use and is listed in the Airport Directory of the current Airmen's Information Manual or in either the Alaska or Pacific Airmen's Guide and Chart Supplement.

(ii) An airport under construction, that is the subject of a notice or proposal on file with the Federal Aviation Administration, and except for military airports, it is clearly indicated that that airport will be available for public use.

(iii) An airport that is operated by an armed force of the United States.

(b) Each sponsor who proposes construction or alteration that is the subject of a notice under paragraph (a) of this section and is advised by an FAA regional office that a supplemental notice is required shall submit that notice on a prescribed form to be received by the FAA regional office at least 48 hours before the start of the construction or alteration.

(c) Each sponsor who undertakes construction or alteration that is the subject of a notice under paragraph (a) of this section shall, within 5 days after that construction or alteration reaches its greatest height, submit a supplemental notice on a prescribed form to the FAA regional office having jurisdiction over the area involved, if—

- (1) The construction or alteration is more than 200 feet above the surface level of its site; or
- (2) An FAA regional office advises him that submission of the form is required.

§77.15 Construction or alteration not requiring notice.

No person is required to notify the Administrator for any of the following construction or alteration:

(a) Any object that would be shielded by existing structures of a permanent and substantial character or by natural terrain or topographic features of equal or greater height, and would be located in the congested area of a city, town, or settlement where it is evident beyond all reasonable doubt that the structure so shielded will not adversely affect safety in air navigation.

(b) Any antenna structure of 20 feet or less in height except one that would increase the height of another antenna structure.

(c) Any air navigation facility, airport visual approach or landing aid, aircraft arresting device, or meteorological device, of a type approved by the Administrator, or an appropriate military service on military airports, the location and height of which is fixed by its functional purpose.

(d) Any construction or alteration for which notice is required by any other FAA regulation.

§77.17 Form and time of notice.

(a) Each person who is required to notify the Administrator under §77.13 (a) shall send one executed form set of FAA Form 7460-1, Notice of Proposed Construction or Alteration, to the Manager, Air Traffic Division, FAA Regional Office having jurisdiction over the area within which the construction or alteration will be located. Copies of FAA Form 7460-1 may be obtained from the headquarters of the Federal Aviation Administration and the regional offices.

(b) The notice required under §77.13 (a) (1) through (4) must be submitted at least 30 days before the earlier of the following dates—

- (1) The date the proposed construction or alteration is to begin.
- (2) The date an application for a construction permit is to be filed.

However, a notice relating to proposed construction or alteration that is subject to the licensing requirements of the Federal Communications Act may be sent to the FAA at the same time the application for construction is filed with the Federal Communications Commission, or at any time before that filing.

(c) A proposed structure or an alteration to an existing structure that exceeds 2,000 feet in height above the ground will be presumed to be a hazard to air navigation and to result in an inefficient utilization of airspace and the applicant has the burden of overcoming that presumption. Each notice submitted under the pertinent provisions of Part 77 proposing a structure in excess of 2,000 feet above ground, or an alteration that will make an existing structure exceed that height must contain a detailed showing directed to meeting this burden. Only in exceptional cases, where the FAA concludes that a clear and compelling showing has been made that it would not result in an inefficient utilization of the airspace and would not result in a hazard to air navigation, will a determination of no hazard be issued.

(d) In the case of an emergency involving essential public services, public health, or public safety, that requires immediate construction or alteration, the 30 day requirement in paragraph (b) of this section does not apply and the notice may be sent by telephone, telegraph, or other expeditious means, with an executed FAA Form 7460-1 submitted within five days thereafter. Outside normal business hours, emergency notices by telephone or telegraph may be submitted to the nearest FAA Flight Service Station.

(e) Each person who is required to notify the Administrator by paragraph (b) or (c) of §77.13, or both, shall send an executed copy of FAA Form 7460-2, Notice of Actual Construction or Alteration, to the Manager Air Traffic Division, FAA Regional Office having jurisdiction over the area involved.

ADDRESSES OF THE REGIONAL OFFICES AND SAN JUAN OFFICE

Alaskan Region AK

Alaskan Regional Office
 Air Traffic Division AAL-530
 701 "C" Street
 Anchorage, AK 99513
 Mail Address:
 701 "C" Street, Box 14
 Anchorage, AK 99513
 Tele. 907-271-5892

Central Region NE, IA, MO, KS

Central Regional Office
 Air Traffic Division ACE-530
 601 East 12th Street
 Kansas City, MO 64106
 Tel. 816-374-3408

Western-Pacific Region HI, CA, NV, AZ, GU

Western-Pacific Regional Office
 Air Traffic Division AWP-530
 15000 Aviation Boulevard
 Hawthorne, CA 90260
 Mail Address:
 AWP-530
 P.O. Box 92007
 Worldway Postal Center
 Los Angeles, CA 90009
 Tel. 213-297-1182

Southern Region KY, TN, NC, SC, GA, AL, MS, FL

Southern Regional Office
 Air Traffic Division ASO-530
 3400 Norman Berry Drive
 East Point, GA 30344
 Mail Address:
 P.O. Box 20636
 Atlanta, GA 30320
 Tel. 404-763-7646

Northwest Mountain Region WA, OR, MT, ID, WY, UT, CO

Northwest Mountain Regional Office
 Air Traffic Division ANM-530
 17900 Pacific Hwy. South
 C-68966
 Seattle, WA 98168
 Tel. 206-431-2530

Eastern Region NY, PA, WV, VA, DC, MD, DE, NJ

Eastern Regional Office
 Air Traffic Division AEA-530
 JFK International Airport
 Fitzgerald Federal Building
 Jamaica, NY 11430
 Tel. 718-917-1228

Southwest Region NM, TX, OK, AR, LA

Southwest Regional Office
 Air Traffic Division ASW-530
 4400 Blue Mound Road
 Fort Worth, TX 76108
 Mail Address:
 P.O. Box 1689
 Fort Worth, TX 76101
 Tel. 817-877-2640

San Juan Office VI, PR

DOT/FAA
 San Juan CERAP
 ATTN: ML & SO
 GPO Section
 San Juan, PR 00936
 Tel. 809-791-1615

Great Lakes Region ND, WI, MI, SD, IL, OH, MN, IN

Great Lakes Regional Office
 Air Traffic Division AGL-530
 2300 East Devon Avenue
 Des Plaines, IL 60018
 Tel. 312-694-7458

New England Region MA, NH, VT, RI, CT, ME

New England Regional Office
 Air Traffic Division ANE-530
 12 New England Executive Park
 Burlington, MA 01803
 Tel. 617-273-7141

DO NOT REMOVE CARBONS

Form Approved OMB No 2120-0001

 US Department of Transportation Federal Aviation Administration	NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION	Aeronautical Study Number
--	--	-----------------------------------

1. Nature of Proposal			2. Complete Description of Structure		
A. Type <input type="checkbox"/> New Construction <input checked="" type="checkbox"/> Alteration	B. Class <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Temporary (Duration _____ months)	C. Work Schedule Dates receipt of permission Beginning _____ End <u>6 months from start</u>	A. Include effective radiated power and assigned frequency of all existing, proposed or modified AM, FM, or TV broadcast stations utilizing this structure. not applicable		
3A. Name and address of individual, company, corporation, etc. proposing the construction or alteration. (Number, Street, City, State and Zip Code) (813) <u>351-4100</u> area code Telephone Number Mr. Tim Reid Chris Craft Boats 8161 15th Street East Sarasota, FL 34243			B. Include size and configuration of power transmission lines and their supporting towers in the vicinity of FAA facilities and public airports. not applicable		
B. Name, address and telephone number of proponent's representative if different than 3 above. Tom T. John, P.E. Tom John Engineering, Inc. 7522 North 40th Street Sarasota, FL 33604			C. Include information showing site orientation, dimensions, and construction materials of the proposed structure. Detailed section 2.C. is attached. Proposed structure consists of 8 exhaust stacks, constructed of sheet metal, terminating approximately 7 feet above existing building roof level, at equal height to existing adjacent water tank.		

4. Location of Structure A. Coordinates (To nearest second) 27° 23' 30" Latitude 82° 32' 40" Longitude	B. Nearest City or Town, and State Sarasota, FL (1) Distance to 4B 1 mile Miles (2) Direction to 4B Southwest	C. Name of nearest airport, heliport, flight park, or seaplane base Sarasota-Bradenton Airport (1) Distance from structure to nearest point of nearest runway 1500 feet (2) Direction from structure to airport West
--	--	---

5. Height and Elevation (Complete to the nearest foot) A. Elevation of site above mean sea level 25 B. Height of Structure including all appurtenances and lighting (if any) above ground, or water if so situated 34 C. Overall height above mean sea level (A + B) 59
--

D. Description of location of site with respect to highways, streets, airports, prominent terrain features, existing structures, etc. Attach a U.S. Geological Survey quadrangle map or equivalent showing the relationship of construction site to nearest airport(s). (if more space is required, continue on a separate sheet of paper and attach to this notice.)

Existing structure is 100 ft (N-S) by 300 ft (E-W) by 27 feet high (approximately). Building long axis is perpendicular to U.S. 301 and is located on the eastern side of that roadway. Existing water storage tank located 70 feet North of building terminates at same height as proposed exhaust stacks. See attached figures.

Notice is required by Part 77 of the Federal Aviation Regulations (14 C.F.R. Part 77) pursuant to Section 1101 of the Federal Aviation Act of 1958, as amended (49 U.S.C. 1101). Persons who knowingly and willingly violate the Notice requirements of Part 77 are subject to a fine (criminal penalty) of not more than \$500 for the first offense and not more than \$2,000 for subsequent offenses, pursuant to Section 902(a) of the Federal Aviation Act of 1958, as amended (49 U.S.C. 1472(a)).

I HEREBY CERTIFY that all of the above statements made by me are true, complete, and correct to the best of my knowledge. In addition, I agree to obstruction mark and/or light the structure in accordance with established marking & lighting standards if necessary.

Date 25 October 1993	Typed Name/Title of Person Filing Notice Mr. Tim Reid	Signature 
-------------------------	--	--

FOR FAA USE ONLY: FAA will either return this form or issue a separate acknowledgement.

The Proposal:

Does not require a notice to FAA

Is not identified as an obstruction under any standard of FAR, Part 77, Subpart C, and would not be a hazard to air navigation

Is identified as an obstruction under the standards of FAR, Part 77, Subpart C, but would not be a hazard to air navigation

Should be obstruction marked

Lighted per FAA Advisory Circular 70/7460-1, Chapter(s) _____

Obstruction marking and lighting are not necessary.

Remarks:

Supplemental Notice of Construction FAA Form 7480-2 is required any time the project is abandoned, or

At least 48 hours before the start of construction

Within _____ days after the construction reaches its greatest height

This determination expires on _____ unless:

(a) extended, revised or terminated by the issuing office

(b) the construction is subject to the licensing authority of the Federal Communications Commission and an application for a construction permit is made to the FCC on or before the above expiration date. In such case the determination expires on the date prescribed by the FCC for completion of construction, or on the date the FCC denies the application.

NOTE: Request for extension of the effective period of this determination must be postmarked or delivered to the issuing office at least 15 days prior to the expiration date.

If the structure is subject to the licensing authority of the FCC, a copy of this determination will be sent to that Agency.

SECTION 2 - C.

As can be seen in the site map of Figure 1, attached, current structures at the site include the Lay-up building (1), the Assembly building (2), and the water storage tank (3). The heights of these structures are 20.2 feet, 26.2 feet, and 35.3 feet, respectively, above ground level (AGL). The assembly building has a "lip" on the western edge rising to 32.6 feet AGL. The site elevation at the lay-up building is 24 to 25 feet above mean sea level (MSL).

The proposed project involves the installation of eight exhaust vent stacks, 30 inches in diameter, to the existing lay-up building, identified as (1) in Figure 1. The stacks will be located along the South side of the lay-up building, and all exhaust stacks will terminate at the same height, 35.3 feet AGL. The stack height of 35.3 feet is equal to the height of the top of the existing water storage tank, identified as (3) in Figure 1. The tank is approximately 70 feet North of the lay-up building.

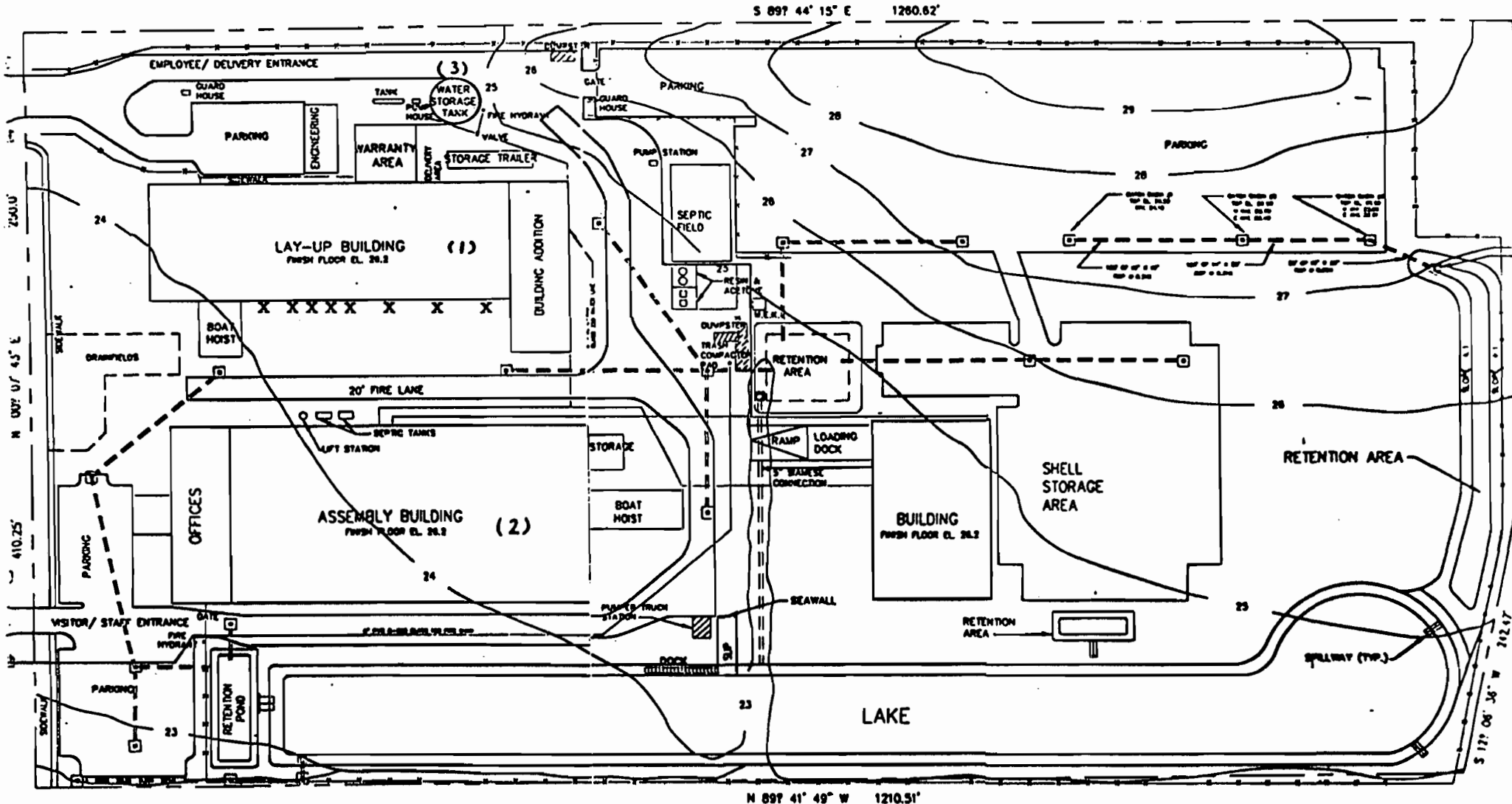
Construction materials are anticipated to consist of sheet metal ductwork and the necessary supporting cables.

Sarasota-Bradenton Airport currently has two main runways, bearing approximately 40 - 220 degrees and 140 - 320 degrees. The Chris Craft site is located along an approximate 60 degree radial from the intersection of the main runways. The airport and the Chris Craft site are shown in the U.S.G.S. Quadrangle map section, Figure 2. The distance to the nearest part of the runway proper, Notification Form Section 4.C., is approximately 1500 feet to the northeastern end of runway 4. An FAA - FSS map of the airfield is presented as Figure 3.

Best Available Copy

ZONING M-1

FIGURE 1



ZONING M-1

PROPOSED STACKS INDICATED BY "X" alongside LAY-UP BUILDING



ZONING A-1

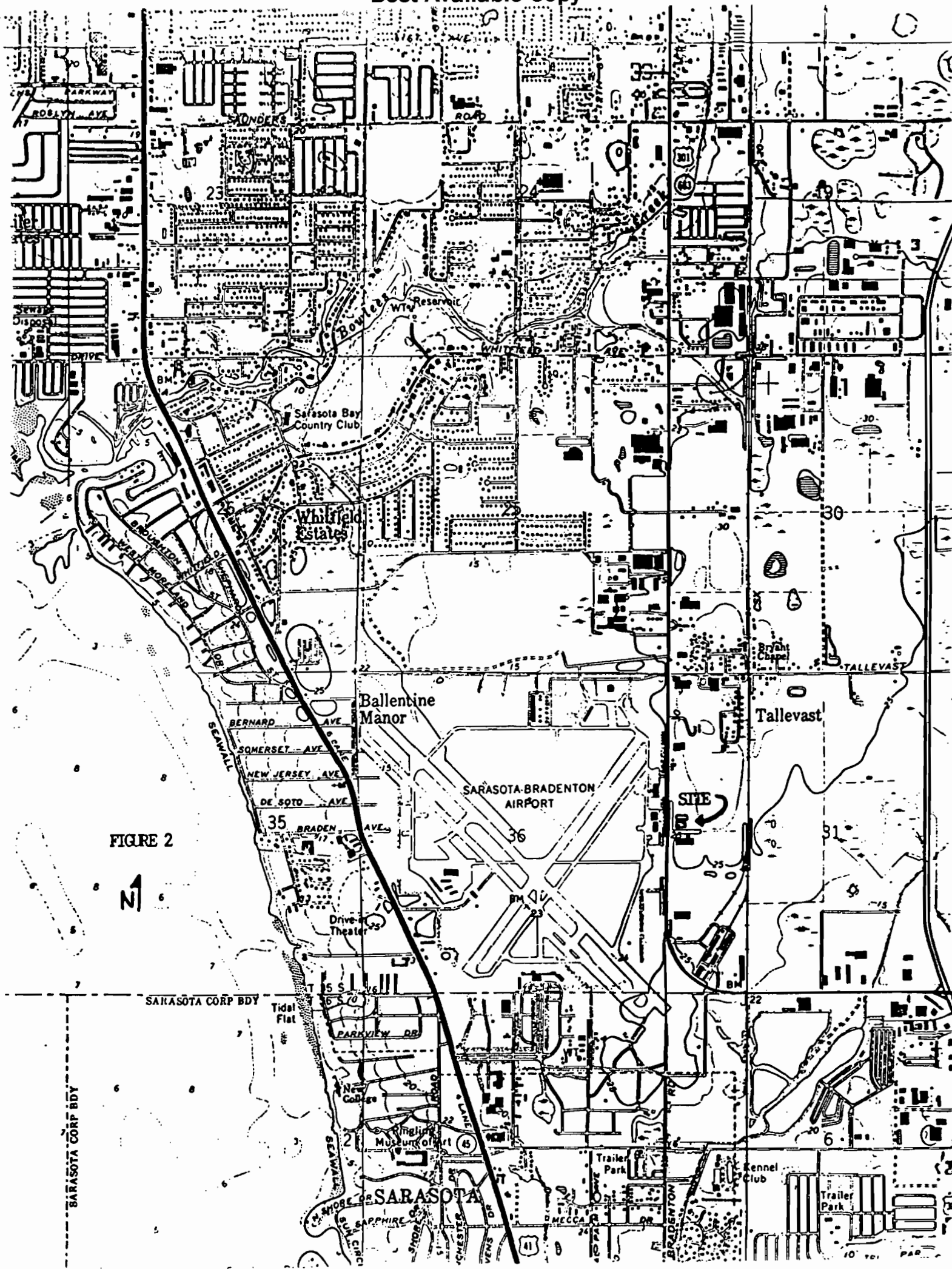


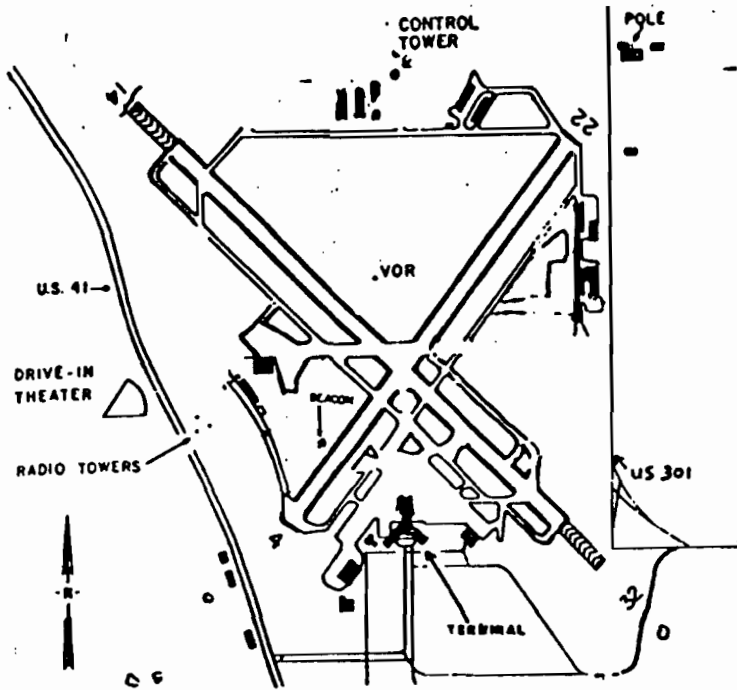
FIGURE 2



SARASOTA CORP BDY

SARASOTA CORP BDY

SARASOTA



SARASOTA - SARASOTA/MANATEE
SARASOTA-BRADENTON AIRPORT (SRQ)

3 Mi. N of Sarasota
Owned By:
Sarasota-Manatee Airport Authority
Airgate Station-P.O. Box 3004
Sarasota, FL 34278-3004

27-24W, 82-33W
Managed By:
Albert McDill
813/355-2761

Runway-14/32, 7003' Pvd, Lgts, VASI, ILS
Runway-04/22, 5006' Pvd, Lgts, VASI

Service/Repairs:
Fuel - 100, Jet
Engine - Major
Airframe - Major
Electronics - Yes

On Fld SRQ VORTAC 115.2
Elevation - 28 Ft.
Instrument Apch. - NDB, ILS, VOR
FSS - St. Petersburg 123.6
Apch Cont. - TPA 119.65
Control Tower - 120.1
Grd Cont. - 121.9
Unicom - 123.0

Taxi - Yes
Car Rental - Yes
Phone - Yes
Restroom - Yes
Snacks - Yes
Restaurant - Yes
Lodging - 1/2 Mi.

Hrs. Atnd - 0600/2400
After Hr. - 813/351-2318

Daily Airline Flights - 62
Based Aircraft - 285
Operations - 180,000/Yr.



Chris-Craft®

RECEIVED

December 4, 1992

DEC 09 1992

Division of Air
Resources Management

Mr. Bruce Mitchell
Air Section
Dept. of Environmental Regulation
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

RE: Chris Craft Boats, AC41-218344: Request for Operating Hours
Increase

Dear Mr. Mitchell:

Chris Craft Boats has reviewed chemical usage and operating records for recent months. Due to a shift in market demands, we are requesting approval to extend our laminating workload into the third shift on a routine basis.

As a general rule, the size of the boats produced at the facility has increased, resulting in increased chemical usage per boat. However, larger boats require more time to construct, resulting in no increase in pounds per hour or tons per year emissions. Chris Craft would like to spread the laminating workload into the third shift as a matter of routine. This will provide added flexibility in response to production demands for larger boats. It will have the additional benefit of reducing the worker exposure concentrations within the facility, by lowering the intensity of activity at any time.

Thus, the "pounds per hour/tons per year" limitations of permit AC41-218344 would not be violated under the proposed request. However, projected actual hours of operation would exceed the 3900 hours per year in the rotation of Permit Specific Condition number 2.

Chris Craft believes that operating in a fashion as described is in agreement with the intent of AC41-218344. We plan to proceed with publication of the Intent to Issue for that permit unless the Department of Environmental Regulation feels that a modification is necessary prior to publication.

8161 15th Street East, Sarasota, Florida 34243
813-351-4900 FAX 813-351-8974

Mr. Bruce Mitchell
Dept. of Environmental Regulation
December 4, 1992
Page 2

RE: Chris Craft Boats, AC41-218344: Request for Operating Hours
Increase

Thank you for your attention in this matter. If you have any questions, please contact me at 813-351-4900 or Tom John at his office in Tampa at 813-985-7881.

Sincerely



Mike Schenk
Manager
Environmental Control

cc: Tom T. John, P.E.

MS\bb

c: B. Mitchell
B. Thomas, SW Dist
R. Baum, MCPED



Chris + Craft

OMCCC, INC.

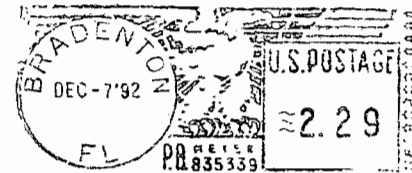
8161 15th Street East
Sarasota, Florida 34243

CERTIFIED

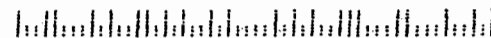
P 819 550 463

MAIL

FIRST CLASS



Mr. Bruce Mitchell
Air Section
Dept. of Environmental Regulation
2600 Blair Stone Road
Tallahassee, Florida 32399-2400



BEST AVAILABLE COPY



The Bradenton Herald

102 MANATEE AVE WEST P.O. BOX 61
BRADENTON, FLORIDA 34606
TELEPHONE (813) 746-6340

PUBLISHED DAILY
BRADENTON, MANATEE COUNTY, FLORIDA

STATE OF FLORIDA COUNTY OF MANATEE:

Before the undersigned authority personally appeared Jill Rockefeller, who on oath says that she is the Legal Advertising Clerk and the official representative of the Publisher of The Bradenton Herald, a daily newspaper published at Bradenton in Manatee County, Florida, with the express, limited authority to execute this affidavit for the purpose of establishing proof of publication of the public or legal notice and advertisement in the form attached hereto; that the attached copy of advertisement, being a legal advertisement in the matter of

Notice of Intent

_____ in the _____ Court,
was published in said newspaper in the issues of _____
12/7/92

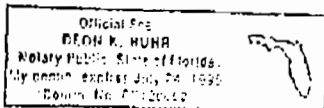
Affiant further says that the said The Bradenton Herald is a newspaper published at Bradenton, in said Manatee County, Florida, and that the said newspaper has heretofore been continuously published in said Bradenton, Manatee County, Florida, each day and has been entered as second class mail matter at the post office in Bradenton, in said Manatee County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and the affiant further says that she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Jill L. Rockefeller

Sworn to and subscribed before me this
7th day of December

A.D. 1992

Debra L. Baker
(SEAL) Notary Public



Attn: M. A. Schenk

State of Florida
Department of
Environmental Regulation
Water Pollution Control
Division
11th Street East, Bradenton
Manatee County, Florida
34606
The purpose of this
order is to be
checked the permit
operation established in
construction permit No. AC
41-16541, to allow continuous
operation of the facility which
Manufactured Fibers Plant.
There will be no increase in
the allowable emissions of
which compliance is demon-
strated using a Wettest
balance scheme and verifiable on
a monthly basis. A determina-
tion of Best Available Control
Technology (BACT) was not
required. The Department is
issuing this intent to issue for
the reasons stated in Part 2 of
the order.
A person whose substantial
interests are affected by the
Department's proposed per-
mitting decision may petition
for an administrative proceed-
ing (hearing) in accordance
with Section 120.57, F.S. The
petition must contain the infor-
mation set forth below and
must be filed (received) in the
Office of General Counsel of
the Department at 2600 Blair
Stone Road, Tallahassee, Florida
32399-2400, within fourteen
(14) days of publication of this
notice. Petitioner shall mail a
copy of the petition to the
applicant at the address indi-
cated above at the time of
filing. Failure to file a petition
within this time period shall
constitute a waiver of any
right such person may have to
request an administrative de-
termination (hearing) under
Section 120.57, F.S.
The Petition shall contain the
following information: (a) The
name, address, and telephone
number of each petitioner, the
applicant's name and address,
the Department Permit File
Number, and the county in which
the project is proposed; (b) A
statement of how and when each
petitioner received notice of the
Department's action or proposed
action; (c) A statement of how
each petitioner's substantial in-
terests are affected by the De-
partment's action or proposed
action; (d) A statement of the in-
terest facts disputed by Petitioner,
if any; (e) A statement of facts
which petitioner contends warrant
reversal or modification of the
Department's action or proposed
action; (f) A statement of which
rules or statutes petitioner contends
require reversal or modification
of the Department's action or
proposed action; (g) A statement
of the relief sought by petitioner,
including the specific action which
petitioner desires the Department
to take with respect to the per-
mitting action or proposed action.
If a person's substantial interest
constitutes a waiver of the
right to petition, the Department
may proceed with the action or
proposed action without notice
to the person.
The application for a permit is
available for public inspection
during business hours, 8:30
a.m. to 5:00 p.m., Monday
through Friday, except legal
holidays, at the Department of
Environmental Regulation, Water
Pollution Control Division, 2600
Blair Stone Road, Tallahassee,
Florida 32399-2400.
Celia H. ...
Regulation
Southwest District
2600 Blair Stone Road
Tallahassee, Florida 32399
Manatee County
Department of
410 Sixth Avenue
Bradenton, Florida 34606
Any person may file com-
mentary on a proposed
action to the Department at the
address: At the time re-
ceived in the
publication of this notice it
is certified in accordance
with the provisions of
12/7/92

P 062 921 901

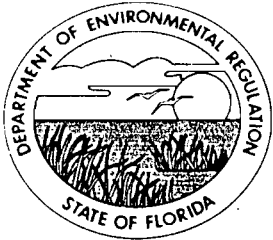


**Receipt for
Certified Mail**

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to <i>T P Robinson</i>	
Street and No. <i>Chris Craft Blvd</i>	
P.O. State and ZIP Code <i>Sarasota, FL</i>	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date <i>10-14-92</i> <i>AC 41-218344</i>	

PS Form 3800, June 1991



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Lawton Chiles, Governor

Carol M. Browner, Secretary

October 14, 1992

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. T. P. Robinson
V.P. and General Manager
Chris Craft Boats
8161 15th Street East
Sarasota, Florida 34243

Dear Mr. Robinson:

Attached is one copy of the Department's Intent to Issue an air construction permit for an increase in the permitted hours of operation, established in construction permit No. AC 41-165851, to allow continuous operation of the facility, which produces fiberglass boats. The project will take place at the facility located in Manatee County, Florida.

Please submit any written comments you wish to have considered concerning the Department's proposed action to Mr. Preston Lewis of the Bureau of Air Regulation.

Sincerely,

C. H. Fancy, P.E.
Chief

Bureau of Air Regulation

CHF/BM/rbm

Attachments

c: B. Thomas, SWD
R. Baum, MCPCD
T. John, P.E., TJEI
M. Schenk, CCB

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

In the Matter of
Application for Permit by:

Chris Craft Boats
8161 15th Street East
Sarasota, Florida 34243

DER File No. AC 41-218344

INTENT TO ISSUE

The Department of Environmental Regulation hereby gives notice of its intent to issue an air construction permit (copy attached). The Department is issuing this Intent to Issue for the reasons stated below.

The applicant, Chris Craft Boats, received an after-the-fact air construction permit (AC 41-165851) on July 18, 1991, for the fiberglass boat manufacturing operations. The permit limited the hours of operation. The permittee now wants to operate the facility continuously with no increase in the allowable emissions, of which compliance is demonstrated using a material balance scheme and verifiable on a monthly basis. Therefore, the purpose of this agency action is to issue an air construction permit to reflect the modification to the fiberglass boat manufacturing operation.

The Department has permitting jurisdiction under Chapter 403, Florida Statutes (F.S.), Florida Administrative Code (F.A.C.) Chapters 17-2 and 17-4, and 40 CFR (July, 1991 version). The project is not exempt from permitting procedures. The Department has determined that the issuance of an air construction permit is necessary for federal enforceable reasons.

Pursuant to Section 403.815, F.S. and DER Rule 17-103.150, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Notice of Intent to Issue a Permit. The notice shall be published one time only within 30 days, in the legal ad section of a newspaper of general circulation in the area affected. For the purpose of this rule, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. Where there is more than one newspaper of general circulation in the county, the newspaper used must be the one with significant circulation in the area that may be affected by the permitting action. If you are uncertain that a newspaper meets these requirements, please contact the
Department

at the address or telephone number listed below. The applicant shall provide proof of publication to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within seven days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit.

The Department will issue the proposed permit with the attached conditions unless a petition for an administrative proceeding (hearing) is filed pursuant to the provisions of Section 120.57, F.S.

Any person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Petitions filed by the permit applicant and the parties listed below must be filed within 14 days of receipt of this intent. Petitions filed by other persons must be filed within 14 days of publication of the public notice or within 14 days of receipt of this intent, whichever first occurs. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, F.S..

The Petition shall contain the following information;

(a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;

(b) A statement of how and when each petitioner received notice of the Department's action or proposed action;

(c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;

(d) A statement of the material facts disputed by Petitioner, if any;

(e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and,

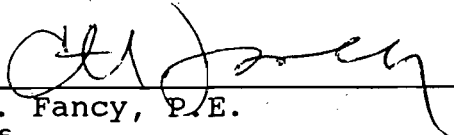
(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application/request

have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office in General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION



C. H. Fancy, P.E.
Chief
Bureau of Air Regulation

Copies furnished to:

B. Thomas, SWD
R. Baum, MCPCD
T. John, P.E., TJEI
M. Schenk, CCB

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF INTENT TO ISSUE and all copies were mailed before the close of business on

10-14-92

FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to
§120.52(9), Florida Statutes, with
the designated Department Clerk,
receipt of which is hereby
acknowledged.



Clerk

10-14-92
Date

State of Florida
Department of Environmental Regulation
Notice of Intent to Issue

Chris Craft Boats
AC 41-218344

The Department of Environmental Regulation hereby gives notice of its intent to issue an air construction permit to Chris Craft Boats, 8161 15th Street East, Sarasota, Manatee County, Florida 34243. The purpose is to increase the permitted hours of operation, established in air construction permit No. AC 41-165851, to allow continuous operation of the facility, which manufactures fiberglass boats. There will be no increase in the allowable emissions, of which compliance is demonstrated using a material balance scheme and verifiable on a monthly basis. A determination of Best Available Control Technology (BACT) was not required. The Department is issuing this Intent to Issue for the reasons stated.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, F.S.

The Petition shall contain the following information:

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by Petitioner, if any;
- (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and,

(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application/request have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

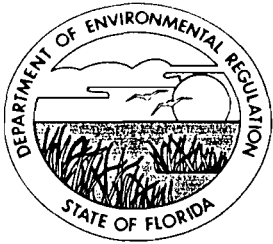
The application/request is available for public inspection during business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Department of Environmental Regulation
Bureau of Air Regulation
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Department of Environmental Regulation
Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Manatee County Pollution Department
410 Sixth Avenue, East
Bradenton, Florida 34208-1986

Any person may send written comments on the proposed action to Mr. Preston Lewis at the Department's Tallahassee address. All comments received within 14 days of the publication of this notice will be considered in the Department's final determination.



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Lawton Chiles, Governor

Carol M. Browner, Secretary

PERMITTEE:

**Chris Craft Boats
8161 15th Street East
Sarasota, Florida 34243**

**Permit Number: AC 41-218344
Expiration Date: Dec. 31, 1993
County: Manatee
Latitude/Longitude: 27°23'30"N
82°32'40"W**

**Project: Modification of the
Fiberglass Boat Manufacturing
Operation**

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), Florida Administrative Code (F.A.C.) Chapters 17-2 and 17-4, and 40 CFR (July, 1991 version). The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawings, plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

For the relaxation of the permitted hours of operation, established in construction permit No. AC 41-165851, to allow continuous hours of operation of the facility, which produces fiberglass boats. There will be no increase in the allowable emissions. A material balance scheme is used to demonstrate compliance. There is an associated exhaust system rated at 60,000 acfm. The UTM coordinates are Zone 17, 347.215 km East and 3030.633 km North.

The Standard Industrial Code is: 3732 - Boat Manufacturing Plant

The Source Classification Code is:

3-08-007-20 General Fiberglass Resin Products Tons Coating
Applied

The source shall be in accordance with the permit application, plans, documents, supplementary information, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

Attachments to be Incorporated:

1. Mr. Tom T. John's request to amend/modify an air pollution source received July 13, 1992.
2. Mr. C. H. Fancy's letter dated August 4, 1992.
3. Mr. Michael Schenk's letter with the processing fee received August 26, 1992.
4. Mr. Tom T. John's FAX received October 7, 1992.
5. Intent to Issue package dated October 14, 1992.

PERMITTEE:
Chris Craft Boats

Permit Number: AC 41-218344
Expiration Date: Dec. 31, 1993

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of F.S. and Department rules, unless specifically authorized by an order from the Department.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

PERMITTEE:
Chris Craft Boats

Permit Number: AC 41-218344
Expiration Date: Dec. 31, 1993

GENERAL CONDITIONS:

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:

- a. Have access to and copy any records that must be kept under the conditions of the permit;
- b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and,
- c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- a. a description of and cause of non-compliance; and,
- b. the period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the F.S. or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and F.S. after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by F.S. or Department rules.

PERMITTEE:
Chris Craft Boats

Permit Number: AC 41-218344
Expiration Date: Dec. 31, 1993

GENERAL CONDITIONS:

11. This permit is transferable only upon Department approval in accordance with F.A.C. Rules 17-4.120 and 17-30.300, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. The permittee shall comply with the following:

a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.

b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and, records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.

c. Records of monitoring information shall include:

- the date, exact place, and time of sampling or measurements;
- the person responsible for performing the sampling or measurements;
- the dates analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and,
- the results of such analyses.

14. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

PERMITTEE:
Chris Craft Boats

Permit Number: AC 41-218344
Expiration Date: Dec. 31, 1993

SPECIFIC CONDITIONS:

1. The facility is allowed to operate continuously (i.e., 8760 hrs/yr).
2. Volatile organic compounds/organic solvents (VOC/OS) emissions from the laminating and gelcoating operations shall be verifiable on a monthly basis and shall not exceed 236.0 tons/yr. The basis of the limitation is:

VOC/OS	Potential Pollutant Emissions	
o Acetone	39.4 lbs/hr,	76.8 TPY
o Styrene	69.9 lbs/hr,	137.5 TPY
o Methyl Methacrylate	2.1 lbs/hr,	4.1 TPY
o Trichlorofluoro Methane	4.0 lbs/hr,	7.8 TPY
o Dichlorodifluoro Methane	0.009 lbs/hr,	0.018 TPY
o Toluene	2.5 lbs/hr,	4.9 TPY
o Hexane	2.5 lbs/hr	4.9 TPY
	Total:	236.0 TPY

NOTE: Actual hours of operation projected to be 3,900 per year.

3. Compliance shall be demonstrated by applying a material balance scheme, which is to compare the beginning inventory, recycled and disposed-of (shipped-out) material, and ending inventory. An annual operating report shall be submitted to the Department's Southwest District office reporting the actual annual VOC/OS emissions from the facility, on a per month basis, by March 1 of each year.
4. In accordance with F.A.C. Rule 17-2.620(1), no person shall store, pump, handle, process, load, unload or use in any process or installation VOC or OS without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department. All vats, containers, etc., that are used for temporary and permanent storage of VOC/OS, shall be covered when not in use.
5. Objectionable odors will not be allowed off plant property in accordance with F.A.C. Rule 17-2.620(2).
6. Any change in the method of operation pursuant to F.A.C. Rule 17-2.100, Definitions-Modification, shall require the submittal of an application and appropriate processing fee to the Department's Bureau of Air Regulation.
7. The facility's operation is subject to all applicable provisions of F.A.C. Chapters 17-2 and 17-4 and 40 CFR (July, 1990 version).
8. This permit shall supercede all previously issued air construction permits.

PERMITTEE:
Chris Craft Boats

Permit Number: AC 41-218344
Expiration Date: Dec. 31, 1993

SPECIFIC CONDITIONS:

9. The permittee is subject to all of the applicable provisions of F.A.C. Chapters 17-2 and 17-4, and the 40 CFR (July, 1991 version).
10. The permittee is subject to the applicable provisions of F.A.C. Rules 17-2.250: Excess Emissions; and 17-4.130: Plant Operations-Problems.
11. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the Department's Bureau of Air Regulation prior to 60 days before the expiration date of the permit (F.A.C. Rule 17-4.090).
12. An application for an operation permit must be submitted to the Department's Southwest District office at least 90 days prior to the expiration date of this construction permit. To properly apply for an operation permit, the applicant shall submit the appropriate application form, fee, certification that construction was completed while noting any deviations from the conditions in the construction permit, and compliance test reports as required by this permit (F.A.C. Rules 17-4.055 and 17-4.220).

Issued this _____ day
of _____, 1992

**STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION**

Howard L. Rhodes
Director
Division of Air Resources
Management

Attachments Available Upon Request

P 062 921 897



Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

PS Form 3800, June 1991

Sent to T. P. Robinson	
Street and No. Chris Craft Boats	
P.O., State and ZIP Code Sarasota, FL	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	10-9-92 AC 41-218344

Form 3811, July 1983 447-845

DOMESTIC RETURN RECEIPT

Complete items 1, 2, 3 and 4.

Put your address in the "RETURN TO" space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for service(s) requested.

- Show to whom, date and address of delivery.
- Restricted Delivery.

3. Article Addressed to:
Mr. T. P. Robinson, V P + GM
Chris Craft Boats
8161 15th St. E.
Sarasota, FL 34243

4. Type of Service:	Article Number
<input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail	P062 921 897

Always obtain signature of addressee or agent and **DATE DELIVERED.**

- Signature - Addressee
X
- Signature - Agent
X *Tim R. Reed*
- Date of Delivery
10/12
- Addressee's Address (ONLY if requested and fee paid)



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Lawton Chiles, Governor

Carol M. Browner, Secretary

October 9, 1992

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. T. P. Robinson
V.P. and General Manager
Chris Craft Boats
8161 15th Street East
Sarasota, Florida 34243

Dear Mr. Robinson:

Attached is one copy of the Department's Intent to Issue an air construction permit for an increase in the permitted hours of operation, established in construction permit No. AC 41-165851, to allow continuous operation of the facility, which produces fiberglass boats. The project will take place at the facility located in Sarasota County, Florida.

Please submit any written comments you wish to have considered concerning the Department's proposed action to Mr. Preston Lewis of the Bureau of Air Regulation.

Sincerely,

C. H. Fancy, P.E.
Chief
Bureau of Air Regulation

CHF/BM/rbm

Attachments

c: B. Thomas, SWD
J. Guira, Ph.D., SCESD
T. John, P.E., TJEI
M. Schenk, CCB

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

In the Matter of
Application for Permit by:

Chris Craft Boats
8161 15th Street East
Sarasota, Florida 34243

DER File No. AC 41-218344

INTENT TO ISSUE

The Department of Environmental Regulation hereby gives notice of its intent to issue an air construction permit (copy attached). The Department is issuing this Intent to Issue for the reasons stated below.

The applicant, Chris Craft Boats, received an after-the-fact air construction permit (AC 41-165851) on July 18, 1991, for the fiberglass boat manufacturing operations. The permit limited the hours of operation. The permittee now wants to operate the facility continuously with no increase in the allowable emissions, of which compliance is demonstrated using a material balance scheme and verifiable on a monthly basis. Therefore, the purpose of this agency action is to issue an air construction permit to reflect the modification to the fiberglass boat manufacturing operation.

The Department has permitting jurisdiction under Chapter 403, Florida Statutes (F.S.), Florida Administrative Code (F.A.C.) Chapters 17-2 and 17-4, and 40 CFR (July, 1991 version). The project is not exempt from permitting procedures. The Department has determined that the issuance of an air construction permit is necessary for federal enforceable reasons.

Pursuant to Section 403.815, F.S. and DER Rule 17-103.150, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Notice of Intent to Issue a Permit. The notice shall be published one time only within 30 days, in the legal ad section of a newspaper of general circulation in the area affected. For the purpose of this rule, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. Where there is more than one newspaper of general circulation in the county, the newspaper used must be the one with significant circulation in the area that may be affected by the permitting action. If you are uncertain that a newspaper meets these requirements, please contact the
Department

at the address or telephone number listed below. The applicant shall provide proof of publication to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within seven days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit.

The Department will issue the proposed permit with the attached conditions unless a petition for an administrative proceeding (hearing) is filed pursuant to the provisions of Section 120.57, F.S.

Any person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Petitions filed by the permit applicant and the parties listed below must be filed within 14 days of receipt of this intent. Petitions filed by other persons must be filed within 14 days of publication of the public notice or within 14 days of receipt of this intent, whichever first occurs. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, F.S..

The Petition shall contain the following information;

(a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;

(b) A statement of how and when each petitioner received notice of the Department's action or proposed action;

(c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;

(d) A statement of the material facts disputed by Petitioner, if any;

(e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and,


(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application/request

have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office in General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION



C. H. Fancy, P.E.
Chief
Bureau of Air Regulation

Copies furnished to:

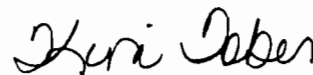
B. Thomas, SWD
J. Guira, Ph.D., SCESD
T. John, P.E., TJEI
M. Schenk, CCB

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF INTENT TO ISSUE and all copies were mailed before the close of business on

10-9-92

FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to §120.52(9), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.



Clerk

10-9-92

Date

State of Florida
Department of Environmental Regulation
Notice of Intent to Issue

Chris Craft Boats
AC 41-218344

The Department of Environmental Regulation hereby gives notice of its intent to issue an air construction permit to Chris Craft Boats, 8161 15th Street East, Sarasota, Sarasota County, Florida 34243. The purpose is to increase the permitted hours of operation, established in air construction permit No. AC 41-165851, to allow continuous operation of the facility, which manufactures fiberglass boats. There will be no increase in the allowable emissions, of which compliance is demonstrated using a material balance scheme and verifiable on a monthly basis. A determination of Best Available Control Technology (BACT) was not required. The Department is issuing this Intent to Issue for the reasons stated.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, F.S.

The Petition shall contain the following information:

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by Petitioner, if any;
- (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and,

(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application/request have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

The application/request is available for public inspection during business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Department of Environmental Regulation
Bureau of Air Regulation
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Department of Environmental Regulation
Southwest District
4520 Oak Fair Boulevard
Tampa, Florida 33610-7347

Sarasota County Environmental Services Department
1301 Cattleman Road, Building B
Sarasota, Florida 34232-6299

Any person may send written comments on the proposed action to Mr. Preston Lewis at the Department's Tallahassee address. All comments received within 14 days of the publication of this notice will be considered in the Department's final determination.



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Lawton Chiles, Governor

Carol M. Browner, Secretary

PERMITTEE:
Chris Craft Boats
8161 15th Street East
Sarasota, Florida 34243

Permit Number: AC 41-218344
Expiration Date: Dec. 31, 1993
County: Sarasota
Latitude/Longitude: 27°23'30"N
82°32'40"W

Project: Modification of the
Fiberglass Boat Manufacturing
Operation

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), Florida Administrative Code (F.A.C.) Chapters 17-2 and 17-4, and 40 CFR (July, 1991 version). The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawings, plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

For the relaxation of the permitted hours of operation, established in construction permit No. AC 41-165851, to allow continuous hours of operation of the facility, which produces fiberglass boats. There will be no increase in the allowable emissions. A material balance scheme is used to demonstrate compliance. There is an associated exhaust system rated at 60,000 acfm. The UTM coordinates are Zone 17, 347.215 km East and 3030.633 km North.

The Standard Industrial Code is: 3732 - Boat Manufacturing Plant

The Source Classification Code is:

3-08-007-20 General Fiberglass Resin Products Tons Coating
Applied

The source shall be in accordance with the permit application, plans, documents, supplementary information, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

Attachments to be Incorporated:

1. Mr. Tom T. John's request to amend/modify an air pollution source received July 13, 1992.
2. Mr. C. H. Fancy's letter dated August 4, 1992.
3. Mr. Michael Schenk's letter with the processing fee received August 26, 1992.
4. Mr. Tom T. John's FAX received October 7, 1992.
5. Intent to Issue package dated October 9, 1992.

PERMITTEE:
Chris Craft Boats

Permit Number: AC 41-218344
Expiration Date: Dec. 31, 1993

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of F.S. and Department rules, unless specifically authorized by an order from the Department.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

PERMITTEE:
Chris Craft Boats

Permit Number: AC 41-218344
Expiration Date: Dec. 31, 1993

GENERAL CONDITIONS:

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:

- a. Have access to and copy any records that must be kept under the conditions of the permit;
- b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and,
- c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- a. a description of and cause of non-compliance; and,
- b. the period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the F.S. or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and F.S. after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by F.S. or Department rules.

PERMITTEE:
Chris Craft Boats

Permit Number: AC 41-218344
Expiration Date: Dec. 31, 1993

GENERAL CONDITIONS:

11. This permit is transferable only upon Department approval in accordance with F.A.C. Rules 17-4.120 and 17-30.300, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. The permittee shall comply with the following:

a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.

b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and, records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.

c. Records of monitoring information shall include:

- the date, exact place, and time of sampling or measurements;
- the person responsible for performing the sampling or measurements;
- the dates analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and,
- the results of such analyses.

14. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

PERMITTEE:
Chris Craft Boats

Permit Number: AC 41-218344
Expiration Date: Dec. 31, 1993

SPECIFIC CONDITIONS:

1. The facility is allowed to operate continuously (i.e., 8760 hrs/yr).

2. Volatile organic compounds/organic solvents (VOC/OS) emissions from the laminating and gelcoating operations shall be verifiable on a monthly basis and shall not exceed 236.0 tons/yr. The basis of the limitation is:

VOC/OS	Potential Pollutant Emissions	
o Acetone	39.4 lbs/hr,	76.8 TPY
o Styrene	69.9 lbs/hr,	137.5 TPY
o Methyl Methacrylate	2.1 lbs/hr,	4.1 TPY
o Trichlorofluoro Methane	4.0 lbs/hr,	7.8 TPY
o Dichlorodifluoro Methane	0.009 lbs/hr,	0.018 TPY
o Toluene	2.5 lbs/hr,	4.9 TPY
o Hexane	2.5 lbs/hr,	4.9 TPY
	Total:	236.0 TPY

NOTE: Actual hours of operation projected to be 3,900 per year.

3. Compliance shall be demonstrated by applying a material balance scheme, which is to compare the beginning inventory, recycled and disposed-of (shipped-out) material, and ending inventory. An annual operating report shall be submitted to the Department's Southwest District office reporting the actual annual VOC/OS emissions from the facility, on a per month basis, by March 1 of each year.

4. In accordance with F.A.C. Rule 17-2.620(1), no person shall store, pump, handle, process, load, unload or use in any process or installation VOC or OS without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department. All vats, containers, etc., that are used for temporary and permanent storage of VOC/OS, shall be covered when not in use.

5. Objectionable odors will not be allowed off plant property in accordance with F.A.C. Rule 17-2.620(2).

6. Any change in the method of operation pursuant to F.A.C. Rule 17-2.100, Definitions-Modification, shall require the submittal of an application and appropriate processing fee to the Department's Bureau of Air Regulation.

7. The facility's operation is subject to all applicable provisions of F.A.C. Chapters 17-2 and 17-4 and 40 CFR (July, 1990 version).

8. This permit shall supercede all previously issued air construction permits.

PERMITTEE:
Chris Craft Boats

Permit Number: AC 41-218344
Expiration Date: Dec. 31, 1993

SPECIFIC CONDITIONS:

9. The permittee is subject to all of the applicable provisions of F.A.C. Chapters 17-2 and 17-4, and the 40 CFR (July, 1991 version).

10. The permittee is subject to the applicable provisions of F.A.C. Rules 17-2.250: Excess Emissions; and 17-4.130: Plant Operations-Problems.

11. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the Department's Bureau of Air Regulation prior to 60 days before the expiration date of the permit (F.A.C. Rule 17-4.090).

12. An application for an operation permit must be submitted to the Department's Southwest District office at least 90 days prior to the expiration date of this construction permit. To properly apply for an operation permit, the applicant shall submit the appropriate application form, fee, certification that construction was completed while noting any deviations from the conditions in the construction permit, and compliance test reports as required by this permit (F.A.C. Rules 17-4.055 and 17-4.220).

Issued this _____ day
of _____, 1992

**STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION**

Howard L. Rhodes
Director
Division of Air Resources
Management

TOM JOHN ENGINEERING, INC.

DATE: 10/7/92

TO: Bruce Mitchell

COMPANY: FDER - AIR

FAX NUMBER: 904 - 922 - 6970

PAGES SENT: cover only

COMMENTS: UTM and Lat/Long for Chris Craft & Donzi Facilities.

Chris Craft Boats	27° 23' 30" N; 82° 32' 40" W; 347215 E; 3030633 N
Chris Craft D.C.	27° 23' 59" N; 82° 32' 40" W; 347342 E; 3031772 N
Donzi	27° 20' 25" N; 82° 32' 36" W; 347818 E; 3033291 N

Need anything else?

Please call me Thursday/your convenience

Tj

TOM JOHN ENGINEERING, INC.

Environmental permitting
7522 North 40th Street
Phone (813) 985-7881

Air Toxics/Modelling
Tampa, Florida 33604
FAX (813) 980-3564



Chris*Craft®

RECEIVED
DER - MAIL ROOM

1992 AUG 26 AM 11: 20

August 21, 1992

Mr. Bruce Mitchell
Florida Department of Environmental Regulation
Twin Tower Office Building
2666 Blair Stone Road
Tallahassee, FL 32399-2400

Re: Chris*Craft Boats - AC41-165851

Dear Mr. Mitchell:

My apologies to you for this late response to your letter which was sent to Mr. Tom John (copy enclosed). As you are aware, Chris Lashley has left Chris*Craft; and, I am working myself into this rather complex position.

On May 5, 1992, Mr. Tom John contacted you by mail to request a change in Specific Condition #2 which would allow us to operate in our lamination department 24 hours a day, 7 days a week, 52 weeks a year without additional pounds an hour and tons a year voc emissions.

We are trying to building the boating world's finest product and can do so as long as we can keep our work schedule more flexible and possibly create several more jobs in other areas.

Enclosed is a check for \$250.00 in order to process permit modification. If you should have any questions, please do not hesitate to contact me.

Sincerely,

Michael Schenk

MS/kad

Enclosures: 2

cc: B. Thomas, SW list.

001031

8161 15th Street East, Sarasota, Florida 34243
813-351-4900 FAX 813-351-8974

OMCC, INC. A subsidiary of Outboard Marine Corporation.
Chris-Craft is a registered trademark of Chris-Craft Industries, Inc.

Tom John Engineering, Inc.

7522 N. 40th Street
Tampa, FL 33604
(813) 985-7881 Fax (813) 980-3564

RECEIVED

JUL 13 1992

Division of Air
Resources Management

May 5, 1992

Mr. Bruce Mitchell
FL Dept. of Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Re: Chris Craft Boats - AC41-165851

Dear Mr. Mitchell:

Currently the Chris Craft Boats facility is permitted to perform lamination and gelcoating for 15 hours per day, 5 days/week, 52 weeks/year (3,900 hours/year), with maximum VOC emissions of 236 tons per year.

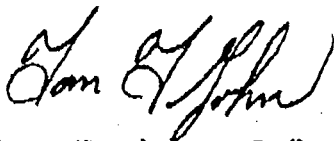
Chris Craft requests that Specific Condition No. 2 be amended to allow unrestricted laminating/gelcoating (24 hours/day, 7 days/week 52 weeks/yr) for a total of 8,760 operating hours/year, subject to the existing limitations on the pounds/hour and tons/year of VOC emissions.

As you are aware, the "gel time" for styrene in the resin and gelcoat depends strongly on the temperature and humidity of the air passing over the part after it is applied. Chris Craft would like to be able to take advantage of weather conditions that will maximize the quality of the product (for example, laminating at night rather than during the day, or continuously during good weather) and help minimize the rate of organic evaporation. In addition, due to the lower production rate in the current economy, Chris Craft also requires the capability of responding quickly to a request for ~~boat~~ production. Unrestricted operating hours would allow completion of a production run in the optimum time, rather than having to shut down the line after five days as currently required.

Please note that Chris Craft Boats is not requesting an increase in currently permitted pounds per hour or tons per year of emissions, only flexibility of the hours of operation to best utilize those permitted values. Chris Craft does not anticipate, based on current projections, that the facility will be able to exceed the permitted chemical usages; however, Chris Craft does recognize that careful record keeping will be required to demonstrate compliance with those limits.

Thank you for your attention and consideration. If you have any questions or I can provide additional information regarding this request, please contact me at my office.

Sincerely,



TOM T. JOHN, P.E.

TTJ:dn •



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Lawton Chiles, Governor

Carol M. Browner, Secretary

August 4, 1992

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Tom T. John, P.E.
Tom John Engineering
7522 N. 40th Street
Tampa, FL 33604

Dear Mr. John:

RE: Air Construction Permit AC 41-165851
Chris Craft Boats, Manatee County
Request for Permit Modification

The Bureau of Air Regulation received your May 3, 1992, request for the above referenced project. On October 30, 1991, Rule 17-4.050(4)(o), F.A.C., was changed to require a \$250 processing fee for a permit modification; therefore, we will not be able to take action on your request until the fee is received. If you have any questions, please call Patty Adams at (904)488-1344.

Sincerely,


C. H. Fancy, P.E.
Chief
Bureau of Air Regulation

CHF/pa

cc: Bruce Mitchell

RECEIVED

JUL 13 1992

Division of Air
Resources Management

May 5, 1992

Mr. Bruce Mitchell
FL Dept. of Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400

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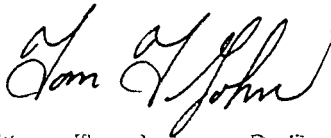
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Thank you for your attention and consideration. If you have any questions or I can provide additional information regarding this request, please contact me at my office.

Sincerely,

A handwritten signature in cursive script, appearing to read "Tom T. John".

Tom T. John, P.E.

TTJ:dj