

**Basnet, Binod**

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**From:** Gee, Shau D PWR [Shau.Gee@pwr.utc.com]  
**Sent:** Tuesday, August 16, 2011 11:58 AM  
**To:** Tallam, Laxmana; Basnet, Binod  
**Subject:** Additional files for Pratt & Whitney Title V  
**Attachments:** R\_PW\_PAINT\_BOOTH\_VOC 2010-2011.pdf; Sikorsky monthly Paint Booth WPB - 2011.pdf; ULSD delivery ticket.pdf

Laxmana and Binod,

Please find attached some additional files related to our Title V air emissions sources and operations.

I did not make these available to you during site visit and I believe these were provided during previous site inspections.

Pratt & Whitney - Paint Booth and Hand Wipe cell usage records - 2011  
<<R\_PW\_PAINT\_BOOTH\_VOC 2010-2011.pdf>>

Sikorsky paint booth records - June 2011  
<<Sikorsky monthly Paint Booth WPB - 2011.pdf>>

Ultra Low Sulfur Diesel fuel delivery ticket  
<<ULSD delivery ticket.pdf>>

Please advise if you have any questions or require any additional information regarding our Title V operations.

Thanks,

Best regards,

Dean

**PRATT & WHITNEY - FLORIDA OPERATIONS**  
**VOC EMISSIONS BY MONTH**

From: 7/1/2010 To: 6/30/2011

Location	COATING GAL	COATING LBS VOC	THINNER GAL	THINNER LBS VOC	CLEANER GAL	CLEANER LBS VOC	RECOVER GAL	RECOVER LBS VOC	TOTAL LBS VOC
<b>HW-00-CAN</b>									
7 2010	0.00	0.00	0.00	0.00	1.00	7.01	0.00	0.00	7.01
8 2010	0.00	0.00	0.00	0.00	2.00	14.02	0.00	0.00	14.02
9 2010	0.00	0.00	0.00	0.00	2.00	14.02	0.00	0.00	14.02
10 2010	0.00	0.00	0.00	0.00	1.00	7.01	0.00	0.00	7.01
11 2010	0.00	0.00	0.00	0.00	1.00	7.01	0.00	0.00	7.01
12 2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1 2011	0.00	0.00	0.00	0.00	1.13	7.01	0.00	0.00	7.01
2 2011	0.00	0.00	0.00	0.00	1.00	7.01	0.00	0.00	7.01
3 2011	0.00	0.00	0.00	0.00	1.00	7.01	0.00	0.00	7.01
4 2011	0.00	0.00	0.00	0.00	1.00	7.01	0.00	0.00	7.01
5 2011	0.00	0.00	0.00	0.00	1.00	7.01	0.00	0.00	7.01
6 2011	0.00	0.00	0.00	0.00	1.00	7.01	0.00	0.00	7.01
<b>Location Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>13.13</b>	<b>91.13</b>	<b>0.00</b>	<b>0.00</b>	<b>91.13</b>

<b>HW-01-CAN</b>									
7 2010	0.00	0.00	0.00	0.00	4.00	26.36	0.00	0.00	26.36
8 2010	0.00	0.00	0.00	0.00	2.00	13.18	0.00	0.00	13.18
9 2010	0.00	0.00	0.00	0.00	2.00	13.18	0.00	0.00	13.18
10 2010	0.00	0.00	0.00	0.00	1.00	6.59	0.00	0.00	6.59
11 2010	0.00	0.00	0.00	0.00	4.00	26.36	0.00	0.00	26.36
12 2010	0.00	0.00	0.00	0.00	2.00	13.18	0.00	0.00	13.18
1 2011	0.00	0.00	0.00	0.00	1.00	6.59	0.00	0.00	6.59
2 2011	0.00	0.00	0.00	0.00	3.00	19.77	0.00	0.00	19.77
3 2011	0.00	0.00	0.00	0.00	5.00	32.95	0.00	0.00	32.95
4 2011	0.00	0.00	0.00	0.00	3.00	19.77	0.00	0.00	19.77
5 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6 2011	0.00	0.00	0.00	0.00	7.00	46.13	0.00	0.00	46.13
<b>Location Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>34.00</b>	<b>224.06</b>	<b>0.00</b>	<b>0.00</b>	<b>224.06</b>

**PRATT & WHITNEY - FLORIDA OPERATIONS**  
**VOC EMISSIONS BY MONTH**

From: 7/1/2010 To: 6/30/2011

Location	COATING GAL	COATING LBS VOC	THINNER GAL	THINNER LBS VOC	CLEANER GAL	CLEANER LBS VOC	RECOVER GAL	RECOVER LBS VOC	TOTAL LBS VOC	
<b>PS-1-TMC</b>			12 Month Rolling Total VOC:				2,040.03			
7 2010	14.50	52.39	5.00	38.05	5.50	30.10	5.50	30.10	90.44	
8 2010	30.75	213.01	6.63	50.42	11.25	61.56	11.25	61.56	263.43	
9 2010	41.50	269.33	9.75	74.20	14.75	80.71	14.75	80.71	343.53	
10 2010	21.50	151.65	7.13	54.22	9.25	50.62	9.25	50.62	205.87	
11 2010	26.00	190.16	6.19	46.20	12.75	69.77	12.75	69.77	236.35	
12 2010	27.50	209.48	8.50	63.41	9.38	51.30	9.38	51.30	272.89	
1 2011	14.63	61.36	3.56	26.58	5.25	28.73	5.25	28.73	87.94	
2 2011	9.88	60.17	2.94	22.45	3.38	18.47	3.38	18.47	82.63	
3 2011	8.00	54.01	2.38	18.07	6.50	35.57	6.50	35.57	72.08	
4 2011	7.00	42.92	2.00	15.22	2.50	13.68	2.50	13.68	58.14	
5 2011	9.75	86.40	2.50	19.03	4.50	24.62	4.50	24.62	105.43	
6 2011	21.50	168.98	6.88	52.32	11.50	62.93	11.50	62.93	221.30	
<b>Location Total</b>	<b>232.50</b>	<b>1,559.87</b>	<b>63.44</b>	<b>480.16</b>	<b>96.50</b>	<b>528.05</b>	<b>96.50</b>	<b>528.05</b>	<b>2,040.03</b>	

<b>PS-2-MM</b>			12 Month Rolling Total VOC:				0.00			
7 2010	0.00	0.00	35.00	0.00	15.00	0.00	15.00	0.00	0.00	
8 2010	15.00	0.00	15.00	0.00	10.00	0.00	10.00	0.00	0.00	
9 2010	0.00	0.00	30.00	0.00	10.00	0.00	10.00	0.00	0.00	
10 2010	0.00	0.00	25.00	0.00	10.00	0.00	10.00	0.00	0.00	
11 2010	0.00	0.00	20.00	0.00	5.00	0.00	5.00	0.00	0.00	
12 2010	0.00	0.00	5.00	0.00	5.00	0.00	5.00	0.00	0.00	
1 2011	0.00	0.00	20.00	0.00	11.00	0.00	10.00	0.00	0.00	
2 2011	0.00	0.00	30.00	0.00	15.00	0.00	15.00	0.00	0.00	
3 2011	0.00	0.00	50.00	0.00	15.00	0.00	15.00	0.00	0.00	
4 2011	0.00	0.00	30.00	0.00	15.00	0.00	15.00	0.00	0.00	
5 2011	0.00	0.00	30.00	0.00	20.00	0.00	20.00	0.00	0.00	
6 2011	0.00	0.00	40.00	0.00	15.00	0.00	15.00	0.00	0.00	
<b>Location Total</b>	<b>15.00</b>	<b>0.00</b>	<b>330.00</b>	<b>0.00</b>	<b>146.00</b>	<b>0.00</b>	<b>145.00</b>	<b>0.00</b>	<b>0.00</b>	

**PRATT & WHITNEY - FLORIDA OPERATIONS  
VOC EMISSIONS BY MONTH**

From: 7/1/2010 To: 6/30/2011

Location	COATING GAL	COATING LBS VOC	THINNER GAL	THINNER LBS VOC	CLEANER GAL	CLEANER LBS VOC	RECOVER GAL	RECOVER LBS VOC	TOTAL LBS VOC
<b>PSB-1-RTF</b>					12 Month Rolling Total VOC:			210.49	
7 2010	1.00	4.57	0.00	0.00	0.19	0.00	0.01	0.00	4.57
8 2010	0.13	0.50	0.00	0.00	0.03	0.00	0.01	0.00	0.50
9 2010	2.50	12.50	0.00	0.00	0.00	0.00	0.00	0.00	12.50
10 2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11 2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12 2010	0.19	0.78	0.00	0.00	0.09	0.00	0.00	0.00	0.78
1 2011	1.75	7.65	0.00	0.00	0.44	0.00	0.31	0.00	7.65
2 2011	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3 2011	0.02	0.04	0.02	0.00	0.02	0.00	0.02	0.00	0.04
4 2011	1.50	0.00	0.50	0.00	0.25	1.77	0.00	0.00	1.77
5 2011	13.03	0.13	16.50	116.97	4.56	31.90	2.50	17.72	131.27
6 2011	4.00	0.00	6.50	46.08	2.25	15.95	1.50	10.63	51.40
<b>Location Total</b>	<b>24.11</b>	<b>26.17</b>	<b>23.52</b>	<b>163.05</b>	<b>7.84</b>	<b>49.62</b>	<b>4.37</b>	<b>28.36</b>	<b>210.49</b>
=====									
<b>Grand Total:</b>	<b>271.61</b>	<b>1,586.05</b>	<b>416.96</b>	<b>643.20</b>	<b>297.46</b>	<b>892.86</b>	<b>245.87</b>	<b>556.40</b>	<b>2,565.71</b>
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SIKORSKY WEST PALM BEACH FACILITY

JUNE 2011

MONTHLY HAP EMISSIONS FROM NON-PAINT BOOTH MATERIALS (FROM CHEMICAL TRACKING DATABASE)

PART NUMBER	TRADE NAME	PAINT SHOP	QUANTITY	UNITS	QUANTITY (lbs)	CAAA HAP NAME	CHEMICAL USE (lbs)	EMISSION FACTOR	HAP EMISSIONS (lbs)
141479	1357 SCOTCH GRIP - QT		10	EA	17	HEXANE	1.27	1	1.27
141479	1357 SCOTCH GRIP - QT		10	EA	17	TOLUENE	0.85	1	0.85
166326	QUICK SET 404 (46551)		46	EA	1.1	HYDROQUINONE	0.01	1	0.01
191290	RTV 3145 ADHESIVE GRAY		6	EA	1.3	METHANOL	0.01	1	0.01
246799	PR1005L		8	EA	7.1	METHYL ISOBUTYL KETONE	1.41	1	1.41
246799	PR1005L		8	EA	7.1	PHENOL	0.35	1	0.35
248920	TORQUE SEAL F-900 - YELLOW		30	EA	0.9	METHANOL	0.23	1	0.23
448139	ALODINE 1132 TOUCH-N-PREP		24	EA	2.1	CHROMIUM COMPOUNDS	0.02	0	0.00
500399	20 PLOBOND		50	EA	22.4	FORMALDEHYDE	0.07	1	0.07
500399	20 PLOBOND		50	EA	22.4	PHENOL	0.28	1	0.28
504306	DYKEM MARKERS - YELLOW		1	EA	0.6	ETHYL BENZENE	0.03	1	0.03
504306	DYKEM MARKERS - YELLOW		1	EA	0.6	XYLENES (ISOMERS AND	0.28	1	0.28
504310	DYKEM MARKERS - BLUE		1	EA	0.3	ETHYL BENZENE	0.02	1	0.02
504310	DYKEM MARKERS - BLUE		1	EA	0.3	XYLENES (ISOMERS AND	0.16	1	0.16
505182	44 GN 036/CAT - 0.5 OZ		2000	EA	65.1	CHROMIUM COMPOUNDS	5.28	0	0.00
506742	PRE-MOIST DENATURED WIPE		50	EA	107.1	METHANOL	9.64	1	9.64
506742	PRE-MOIST DENATURED WIPE		50	EA	107.1	METHYL ISOBUTYL KETONE	0.96	1	0.96
506921	SO SURE CORR PREV CMPD		15	EA	12.2	TOLUENE	0.49	1	0.49
509236	HT 3326-5 RESIN/HARDENER		45	EA	4.8	METHYLENE DIPHENYL	0.25	1	0.25
509681	EA9309.3 A/B - 32 GM		50	EA	3.5	PHENOL	0.00	1	0.00
509706	EA9309.3 A/B - 8 GM		255	EA	4.5	PHENOL	0.00	1	0.00
526701	AC-730 CLASS B-1/2 - GREEN - 2.5		272	EA	42.5	MANGANESE COMPOUNDS	1.28	0	0.00
526702	AC-730 CLASS B-2 - RED - 2.5 OZ		1241	EA	193.9	MANGANESE COMPOUNDS	5.82	0	0.00
538710	EA9309.3 NA A/B - 6 OZ		8	EA	6	PHENOL	0.00	1	0.00
557038	SOLV KK008 - 5 GL		2	EA	66.2	METHANOL	5.96	1	5.96
557038	SOLV KK008 - 5 GL		2	EA	66.2	METHYL ISOBUTYL KETONE	0.60	1	0.60
559089	DAPCO 3300 ADHESIVE A/B		2	EA	3.8	BENZENE (INCLUDING BENZENE	0.00	1	0.00
559089	DAPCO 3300 ADHESIVE A/B		4	EA	7.7	TOLUENE	2.05	1	2.05
<b>TOTAL</b>									<b>24.92</b>
<b>TOTAL HAP EMISSIONS FOR PAINT FACILITY PAINT BOOTH #1 (lbs)</b>									<b>9.58</b>
<b>TOTAL HAP EMISSIONS FOR PAINT FACILITY PAINT BOOTH #2 (lbs)</b>									<b>2.06</b>
<b>TOTAL HAP EMISSIONS FOR FAFO TOUCHUP</b>									<b>0.08</b>
<b>TOTAL HAP EMISSIONS FOR OTHER TOUCHUP</b>									<b>2.45</b>
<b>TOTAL FACILITY HAP EMISSIONS (lbs)</b>									<b>39.10</b>

PetroLiance  
1007 Scheffelin Rd  
Apex, NC 27502  
Phone: 919-387-9810  
Emergency: 800-545-1257

Order# 1608943  
2/15/11 9:53 AM  
Truck# 3051  
Acct# 53913  
PO#: 4800042849

**Bill To:**  
Pratt & Whitney (TW T)

**Ship To:**  
Pratt & Whitney (TW T)  
17900 Beeline Highway  
Jupiter, FL 33478

**Driver Notes:**  
**Line Items**

Product	UOM	Picked	Delivered	Unit Price
MEDALLION PLUS PERFORMANCE #2 ULSD DYED	GAL	650	464.8	2.8230

Dyed Diesel Fuel - Nontaxable Use Only. Penalty for Taxable Use.

**Fleet Vehicles**

Asset	Desc	Qty
500118	250gal/tank	48.7
500040	250gal/tank	22.3
500038	500gal/tank	23.8
500039	250gal/tank	370
500168	250gal/tank	0

MEDALLION PLUS PERFORMANCE #2 ULSD DYED	GAL	0	166
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Dyed Diesel Fuel - Nontaxable Use Only. Penalty for Taxable Use.

Signed By: tucker

Applicable taxes and fees not included

Date	Diesel Fuel Tank Locations			
2-15-11				
SAP Tank Equip #	Tank Description	Petroliance Bar Code	Tank Location	IN Gallons Fuel Added
815474	DL-1 (EOB)	500188	EOB Fire Island	
557272	(Security)		Security Generator (Package Unit)	
4144	DL-2 (Mfg)		K-17 Generators	
817944	DI-13 (Mfg)		Heat Treat Generator	
BCDD	DL4 (Canal)		Site Discharge pumps (Canal Pumps)	
806713	DL-16 (C-11)	500118	C-11 Fire Island	48.7 GL
4148	DL18 (C12/14)	500040	C-12/14 Fire Island	22.3 GL
806728	DL-1A (A4)	500038	A-4 Fire Island	23.8 GL
4151	DL-7C (C1)	500039	C Area Fire Island	275.0
816077	(TAB)		TAB Generator (Package Unit)	
3206	(C Area)		C Area Patio Generator	
4152	(C Aea)		C Area Jet Support Bldg	
816154	(E Area)		E Area Generator (Package Unit)	
6477	DL-8 (E Area)	500119	E Area South Fire Island	
4154	(E area)	500120	E Area North Fire Island	
4684	(Remote)	500168	Remote Fire Island	95.0 GL
	(Remote)	500051	Remote Site Generator (Package Unit)	
	DL-19 (SEGF)		SEGF	
	DL-20 (SEGF)		SEGF	
			Gas Station ( Gasoline)	
			Gas Station ( Diesel)	

POSTED