

**REGISTRATION CERTIFICATE**  
EPAC-10 REV. 7-73



STATE OF CONNECTICUT  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**



STACK NO. 00531000902

EQUIPMENT CLASSIFICATION			REGISTRATION NO.
<input checked="" type="checkbox"/> FUEL BURNING	<input type="checkbox"/> INCINERATOR	<input type="checkbox"/> PROCESS MFG.	<input type="checkbox"/> AIR POLLUTION CONTROL
FIRM NAME			DATE ISSUED
PRATT AND WHITNEY		PWA MAIN PLANT	12/05/73
LOCATION OF EQUIPMENT (No. & Street, Town, Zip)			
400 MAIN ST			EAST HARTFORD CT 06108
COMMISSIONER OR HIS REPRESENTATIVE			

**DEPARTMENT OF ENVIRONMENTAL PROTECTION**

MBL BURNING EQUIPMENT REGISTRATION

7-4 NEW 5-73

Key #020 Sit#02

STATE OF CT.

Department of Environmental Protection, Air Compliance Section, State Office Bldg., Hartford, Conn. 06115, Tel. 566-2690

1. APPLICATION NO. ET-R-002	2. STACK NO. 300-B-2
PHONE 565-4321	
INSTALLATION PWA-Main Plant-400 Main St., E. Hfd., Conn. 06108	

FIRM United Aircraft Corp.	BUSINESS ADDRESS (No. & Street, City, Zip Code) 400 Main St., E. Hfd. Conn. 06108
DIVISION Pratt & Whitney Aircraft	
APPLICANT "	
INSTALLATION PWA-Main Plant-400 Main St., E. Hfd., Conn. 06108	
EQUIPMENT BEING REGISTERED Test Stand X-8 Inlet Air Heater	AIR POLLUTION CONTROL EQUIPMENT USED (If "Yes" See Form EPA-7) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
MAJOR ACTIVITY OF FIRM <input checked="" type="checkbox"/> MFG. <input type="checkbox"/> OFFICE <input type="checkbox"/> RETAIL OR WHISE STORE <input type="checkbox"/> SCHOOL OR CHURCH <input type="checkbox"/> HOTEL/MOTEL <input type="checkbox"/> HOSPITAL OR LAB. <input type="checkbox"/> WAREHOUSE <input type="checkbox"/> RESIDENCE OR APTS. <input type="checkbox"/> OTHER (Specify)	

FUEL	GRADES (1)	SULFUR CONTENT (%)	ASH CONTENT (%)	ANNUAL USAGE (Tons, Gal., or Cu. Ft.)	MAXIMUM FIRING RATE (BTU/hr.)	SEASONAL USE			FUEL SUPPLIER	
						Month to	Month	Month	Name	City or Town
COAL <input type="checkbox"/>	Bituminous	. %	. %							
	Anthracite	. %	. %							
OIL <input type="checkbox"/>	Kerosene	. %	. %							
	2	. %	. %							
	4	. %	. %							
	5	. %	. %							
NAT. GAS <input checked="" type="checkbox"/>				39,420,000 ft <sup>3</sup>	210,000 CFH	0.17 x 10 <sup>6</sup>	ALL			Conn. Nat. Gas Hfd., Conn.
	OTHER <input type="checkbox"/>									

0. BURNER EQUIPMENT ARE OR HEATERS USED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	OIL TEMPERATURE BEFORE INJECTION NA	BURNER MANUFACTURER Fabricating Engineering Co.	BURNER MODEL NO. 1494
11. TYPE OF COAL BURNER <input type="checkbox"/> HAND FIRED <input type="checkbox"/> UNDERFEED STOCKER <input type="checkbox"/> TRAVELING GRATE <input type="checkbox"/> CHAIN GRATE <input type="checkbox"/> SPREADER STOCKER <input type="checkbox"/> STOKER WITH GAS INJECTION <input type="checkbox"/> CYCLONE FURNACE <input type="checkbox"/> FLUVIDIZED COAL <input type="checkbox"/> OTHER (Specify) NA			
12. TYPE OF OIL BURNER <input type="checkbox"/> PRESSURE OR GUN <input type="checkbox"/> ROTARY CUP <input type="checkbox"/> STEAM ATOMIZER <input type="checkbox"/> AIR ATOMIZER <input type="checkbox"/> TANGENTIALLY FIRED <input type="checkbox"/> OTHER (Specify) NA			
13. COMBUSTION OVERFIRE AIR CONTROL <input type="checkbox"/> YES <input type="checkbox"/> NO	TYPE OF DRAFT <input type="checkbox"/> FORCED <input checked="" type="checkbox"/> INDUCED <input type="checkbox"/> NATURAL		

4. POLLUTANTS LIMITED	MATERIAL	RATE OF EMISSIONS (Tons/Yr.)	METHOD USED TO DETERMINE EMISSIONS	BLEACHING GAS TEMPERATURE (°F)	No. OF IDENTICAL UNITS
SOx	0.0119	Emission			
CO	0.0078	Factors			
NOx	2.3652				
THC	0.7884				

16. STACK INFORMATION STACK EXIT DIRECTION <input type="checkbox"/> NONE <input checked="" type="checkbox"/> VERT. I.D. _____ m. OR 324 ft. in. X _____ in.	STACK HEIGHT (ft.) 60	IS STACK EQUIPPED WITH RAIN HATS? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
SMOKE INDICATOR IN STACK <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO MAKE AND MODEL NO. Custom	STACK LINING <input type="checkbox"/> METAL <input type="checkbox"/> REFRACTORY <input checked="" type="checkbox"/> OTHER (Specify) Packed Tube	

17. STACK LOCATION Name of nearest intersecting street: Ensign St./Main St.	Distance to Stack from Intersection: 1350 FT.	DIRECTION OF STACK (Circle one): N, NE, SE, S, SW, W, NW
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18. CERTIFICATION I certify that I have examined the above information and that to the best of my knowledge it is true and complete. (Signature subject signet to provisions of the General Statutes regarding false and misleading statements).	SIGNED E. L. Davis	TITLE Asst. Secretary	DATE 9/29/72
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