

REGISTRATION CERTIFICATE
EPAC-10 REV. 7-73



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



STACK NO. 00531000901

EQUIPMENT CLASSIFICATION			REGISTRATION NO.
<input checked="" type="checkbox"/> FUEL BURNING	<input type="checkbox"/> INCINERATOR	<input type="checkbox"/> PROCESS MFG.	00530019
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

UFL BURNING EQUIPMENT REGISTRATION
 P-1, NEW 3-77
 Department of Environmental Protection, Air Compliance Section, State Office Bldg., Hartford, Conn. 06115. Tel. 566-2690

Reg # 09 Slic # 01

STATE OF CONN

No 53-07

1. APPLICATION NO. BT-R-001	2. STACK NO. 300-E1
PHONE 565-4321	
INSTALLATION PWA-Main Plant-400 Main St., E. Htfd., Conn. 06108	

FIRM LEGAL NAME: United Aircraft Corp. BUSINESS ADDRESS (No. & Street, City, Zip Code): 400 Main St., E. Htfd., Conn. 06108

DIVISION: Pratt & Whitney Aircraft

APPLICANT: " " " " " " " "

EQUIPMENT BEING MONITORED: Test Stand X-7 Inlet Air Heater YES NO

MAJOR ACTIVITY OF FIRM

MFG. OFFICE RETAIL OR WHLSE. STORE SCHOOL OR CHURCH HOTEL/MOTEL HOSPITAL OR LAB WAREHOUSE RESIDENCE OR APTS. OTHER (Specify)

FUEL	GRADES	SULPHUR CONTENT (%)	ASH CONTENT (%)	ANNUAL USAGE (Tons, Gals. or Cu. Ft.)	MAXIMUM FIRING RATE (BTU/Hr.)	SEASONAL USE		FUEL SUPPLIER	
						Month	Month	Name	City or Town
COAL	Bituminous	%	%						
	Anthracite	%	%						
OIL	Kerosene	%	%						
	2	%	%						
	4	%	%						
	5	%	%						
NAT. GAS				39,420,000 CF ²	210,000 CFH	Q. 22X10	All		Conn. Nat. Gas Htfd., Conn.

9. BURNER EQUIPMENT

ARE ON HEAVY DUTY? YES NO

OIL TEMPERATURE BEFORE INJECTION: NA

BURNER MANUFACTURER: Fabricating Engineering Co. BURNER MODEL No.: 1494

11. TYPE OF COAL BURNER

HAND FIRED UNDERFEED STOKER TRAVELING GRATE CHAIN GRATE SPREADER STOKER STOKER WITH GAS REINJECTION CYCLONE FURNACE PULVERIZED COAL OTHER (Specify) NA

2. TYPE OF OIL BURNER

PRESSURE OR GUN ROTARY CUP STEAM ATOMIZER AIR ATOMIZER TANGENTIALLY FIRED OTHER (Specify) NA

3. COMBUSTION

OVERFIRE AIR CONTACT: YES NO

TYPE: TIME SWITCHED SMOKE INDICATOR MANUAL OTHER (Specify)

TYPE OF DRAFT: FORCED INDUCED NATURAL

MATERIAL	RATE OF EMISSIONS (Tons/Yr.)	METHOD USED TO DETERMINE EMISSIONS	EXHAUST GAS INFORMATION	
			REACHING OAT TEMPERATURE (°F)	No. OF IDENTICAL UNITS
Particulates	0.348	1972 - EPA	300	None
SOx	0.0119	Emission		
CO	0.0079	Factors		
NOx	2.3652			
THC	0.7884			

DATE SOURCE STARTED UP: 1/7/71

EXHAUST GAS FLOW RATE (ACFM): 2400 #/sec

OPERATING HOURS: 395

14. STACK INFORMATION

STACK EXIT DIRECTION: HORIZ. VERT.

STACK EXIT DIMENSIONS: I.D. 324 in OR 2 ft. x 60 in.

STACK HEIGHT (ft.): 60

IS STACK EQUIPPED WITH RAIN CAP? YES NO

SMOKE INDICATOR IN STACK: YES NO

MAKE AND MODEL NO.: Custom

STACK LINING: METAL REFRACTORY OTHER (Specify) Packed Tube

17. STACK LOCATION

Name of nearest intersecting street: Ensign St./Main St.

Distance to stack from intersection: 1400 ft.

DIRECTION TO STACK: (Circle one) N, NE, SE, S, SW, W, NW

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 signer to provisions of the General Statutes regarding false and misleading statements).

SIGNED: UNITED AIRCRAFT CORPORATION

TITLE: Asst. Secretary

DATE: 9/29/77

860 565 3324 TO 92573538

EHS GROUP

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