

Standard Aero - Houston

ENGINE SERIAL NO. **111141**

CUSTOMER:

DATE: 19-Sep-08

TSN: **2410.4**

CSN: **2160**

WORK ORDER # 248970

MANUFACTURE DATE: 21-May-97

ENGINE MODEL NO. 20AR-1B

ENGINE P/N: 3060020-11

POSITION: 1

OIL TYPE: Mobil 254

NOTE: MPI

ACREGNO: XC-VMC

ACSN: 028

RESEARCH BY: Krepel

MAJOR INSPECTION INTERVAL: **2500**

INSPECTIONS

CORE INSPECTION INTERVAL: **5000**

INSPECTIONS:	C/W:	DUE:	HRS REMAIN:	INSPECTIONS:	C/W:	DUE:	HRS REMAIN:
150-250hr.:	2369.5	2619.5	209.1	2500hr. MAJOR:	0.0	2500.0	89.6
300-440hr.:				5000hr. CORE:	0.0	5000.0	2589.6
500-650hr.:	2369.5	3019.5	609.1				
500-840hr.:	2369.5	3209.5	799.1				
1000-1300hr.:	2369.5	3669.5	1259.1				
1500-1640hr.:	2369.5	4009.5	1599.1				

HOUR/CYCLE RATIO
OVER THE PAST YEAR: 1.1059 hours per cycle

LIFE LIMITED PARTS

HOUR/CYCLE RATIO
OVER LIFE OF ENGINE: 1.1159 hours per cycle

C O R E L E V E L	PART NAME	PART NUMBER	SERIAL NUMBER	CYCLE LIMIT	TOTAL HOURS	TOTAL CYCLES	CYCLES REMAIN	* EST. HOURS
	TIE ROD	3074744- 1	97P04392		2410.4	2160	N/A	
	1ST STG LP COMPRESSOR	3070440-20 3060372-1	960316004508	10000	2410.4	2160	7840	8749
	2ND STG LP COMPRESSOR	3072416-13 3060373-1	960316004434	10000	2410.4	2160	7840	8749
	3RD STG LP COMPRESSOR	3072417-12 3060374-1	960316004390	20000	2410.4	2160	17840	19908
	4TH STG LP COMPRESSOR	3075351-12 3075326-5	980350104879	20000	2402.3	2156	17844	19913
	HP COMPRESSOR	3060371- 1	975332200101	8000	2410.4	2160	5840	6517
	HP SHAFT	3060366- 1	97P08293		2410.4	2160	N/A	
	PLENUM	3060534- 3	97P05602		2410.4	2160	N/A	
	FAN SPINNER	3060156 - 2	970811400398	20000	2410.4	2160	17840	19908
	FAN DISK	3067023-2 3067022-1	960322904248	20000	2410.4	2160	17840	19908
	FAN SHAFT	3067021- 1	960339000238		2410.4	2160	N/A	
	HPT FORWARD COUPLING	3060502- 2	97P05869		2410.4	2160	N/A	
	HPT ROTOR AIR SEAL	3060698- 2	951903300859	7000	2410.4	2160	4840	5401
	HPT ROTOR SEAL PLATE	3060514- 1	960322903912	10000	2410.4	2160	7840	8749
	HP TURBINE	3060555-3 3060691-1	961217200872	3000	2410.4	2160	840	937
	HPT AFT COUPLING SEAL	3060599- 2	97P06799		2410.4	2160	N/A	
	TRANSITION DUCT	3060694- 4	97P03887		2410.4	2160	N/A	
	LPT1 NOZZLE	3060666- 7	97P04799		2410.4	2160	N/A	
	LPT1 NOZZLE SEAL SUPPORT	3060693- 1	97P06548		2410.4	2160	N/A	
	LPT1 NOZZLE SEAL	3073765- 12	97P05912		2410.4	2160	N/A	
	1ST STG LP TURBINE	3060656-3 3060625-1	960322902879	12000	2410.4	2160	9840	10981
	2ND STG LP TURBINE	3060608-2 3060611-1	960322904172	12000	2410.4	2160	9840	10981
	3RD STG LP TURBINE	3060626-6 3060671-2	960322903562	12000	2410.4	2160	9840	10981

Caution

*Calculated from Hour/Cycle Ratio over Life of Engine

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ENGINE P/N: 3060020-11

POSITION: 1

OIL TYPE: Mobil 254

ACCESSORIES

PART NAME	PART NUMBER	SERIAL NUMBER	SERIES	ENGINE HOURS AT INSTALLATION	ENGINE CYCLES AT INSTALLATION	TOTAL HOURS	TOTAL CYCLES
EEC / DEEC	2118882 - 1007	20AF0117	3			Unknown	Unknown
FUEL CONTROL	3070800 - 28	13841	2	1892.1	1688	Unknown	Unknown
FUEL PUMP	3060760 - 1	0187	N/A	0.0	0	2410.4	2160
ACCESSORY GEARBOX	3060827 - 2	S-282	1	0.0	0	2410.4	2160
TRANSFER GEARBOX	3070093 - 13	P-8405	1	0.0	0	2410.4	2160
OIL PUMP	3060785 - 2	051405700405	N/A	1892.1	1688	518.2999	472
MOTIVE FLOW FUEL PUMP	3060759 - 1	0180	N/A	0.0	0	2410.4	2160

TOTAL HOURS ON #4 and 5 CARBON SEALS: 2410.4

NOTES:

AIRWORTHINESS DIRECTIVES

LEGEND: N/A - NOT APPLICABLE PCW - PREVIOUSLY COMPLIED WITH C/W - COMPLIED WITH REP - REPETITIVE VER - VERIFY

AD#	Status		SB#	Description
<u>98-10-15</u>	N/A per Engine Model	19-Sep-08	73-5111	REPLACE FUEL LINE TO PREVENT FUEL FROM SPRAYING ON ELECTRICAL CO
<u>99-07-19</u>	N/A per Engine Model	19-Sep-08	73-5119	REPLACE FUEL LINE TO PREVENT FUEL FROM SPRAYING ON ELECTRICAL CO
<u>2008-02-19</u>	N/A per Disk P/N	19-Sep-08	A72-5185	INSPECT/REPLACE SPECIFIC ID HPT ROTOR DISK