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PT6A-41 Available for Sale or Exchange

Euravia has available for immediate sale/exchange this fantastic Pratt & Whitney PT6A-41 engine (PC-E81257). This engine has recently been overhauled and tested to exceed FAA & EASA 145 requirements and comes with a **3,000 hour / 5 year warranty.**



*image of actual engine

PC-E81257

TSN	14,746 hours	TSO	Zero
CSN	14,421 cycles	CSO	Zero

LIFE CYCLE FATIGUE COMPONENTS

DESCRIPTION	PART NUMBER	CYCLE LIMITS	CYCLES REMAINING
Comp. Hub	3021911	20,000	5,856
Comp. # 2 Disk	3023112	20,000	18,148
Comp. # 3 Disk	3023113	20,000	18,148
Impeller	3031945	20,000	5,579
CT Disk	3024711	20,000	6,756
PT Disk #1*	3029312	30,000	20,985
PT Disk #2*	3029313	30,000	23,620

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TERMS

CONDITION	OVERHAULED, ZERO-TIMED
SALE/ EXCHANGE PRICE	POA / Exchanges Welcome
PAYMENT TERMS	25% NON-REFUNDABLE DEPOSIT WITH ORDER. BALANCE OF 75% PAYABLE BY TELEX BANK TRANSFER PRIOR TO SHIPMENT OF THE ENGINE.
DELIVERY	AVAILABLE FOR IMMEDIATE DELIVERY. DELIVERY TO BE AGREED FOLLOWING RECEIPT OF FUNDS. SHIPPING AND INSURANCE IS THE RESPONSIBILITY OF THE BUYER.
WARRANTY	3,000 HOURS OR 5 YEARS
RELEASE CERTIFICATION	FAA & EASA RELEASE
VALIDITY	SUBJECT TO PRIOR SALE. ENGINE CAN BE SECURED WITH DEPOSIT.
SUPPLEMENTARY NOTES	- OVERHAUL AND TEST BY EURAVIA. - SHIPPING CONTAINER NOT INCLUDED IN PRICE. - A DEPOSIT OF \$US 3,000 WILL BE ADDED TO OUR INVOICE FOR A SHIPPING CONTAINER. - TO BE REFUNDED ON RETURN OF EMPTY CONTAINER TO EURAVIA. - EURAVIA STANDARD TERMS & CONDITIONS (ST&C1) APPLY.

Engine Type	Serial No	Work Order
PT6A-41	PC-E 81257	0003145-001-001

TSN: 14,746 CSN: 14,421 TSO: 0.0 CSO: 0.0

Engine received for overhaul. All work carried out in accordance with Pratt & Whitney Overhaul Manual P/N 3021443, revision 40 dated Jul 04/2008

Corrected Engine Performance Record

	P/N	S/N	Class/Area	Cavity
P/T Stator	3030262	PWC90M447	19.68	AC 2S1
C/T Vane	3037551	6K972	6.72	1S1

Rated Take Off	S.H.P	Ng (RPM)	TT ₅ (R)	S.F.C	Pressure Ratio
	850	35,890	1,676	0.608	8.03
Data Plate	S.H.P	Ng (RPM)	ITT Trim T ₅ °C	ITT Trim T ₅ °F	Trim Resistance
	850	35,890	45	81	20.1

Rotative Life Record

DESCRIPTION:	AS RECEIVED				SHIPPED			
	PART NO:	SERIAL NO:	CYCLES CONSUMED	CYCLES REMAINING	PART NO:	SERIAL NO:	CYCLES CONSUMED	CYCLES REMAINING
Compressor Turbine Disc	3024711	1N879	13,244	6,756	3024711	1N879	13,244	6,756
Power Turbine Disc 1 st	3029312	9Y838	9,015	20,985	3029312	9Y838	9,015	20,985
Power Turbine Disc 2 nd	3029313	84A505	6,380	23,620	3029313	84A505	6,380	23,620
Impellor	3017463	5A454	14,421	5,579	3017463	5A454	14,421	5,579
Stage 2 Compressor Disc	3023112	A001B771	1,852	18,148	3023112	A001B771	1,852	18,148
Stage 3 Compressor Disc	3023113	A001BMX2	1,852	18,148	3023113	A001BMX2	1,852	18,148
Rear Hub	3021911	5C461	14,421	5,579	3021911	A3289	14,144	5,856

Accessory Record

DESCRIPTION:	AS RECEIVED		SHIPPED			
	PART NO:	SERIAL NO:	PART NO:	SERIAL NO:	REMARKS	T.S.O.
Fuel Control Unit	3244755-19-18-14	A45076	3244755-22-21-18-14	A45076	Overhauled	0.0
Fuel Pump	025323-300-02	6945	025323-300-02	6945	Overhauled	0.0
Flow Divider	25536-4	8724	25536-4	8724	Overhauled	0.0

Ignition Exciter***	Not Received		10-381550-4	NN01323062	Overhauled	0.0
Compressor Bleed Vlv (LP)	3100923-02	0009	3100923-02	0009	Overhauled	0.0
Compressor Bleed Vlv (HP)	3100922-05	A6260	3100922-05	A6260	Overhauled	0.0
Oil To Fuel Heater	10585 E	479	10585K-G,H	479	Overhauled	0.0
Fuel Nozzles	Various	Various	Various	Various	Overhauled	0.0
Propeller Governor	8210-007G	1197971	8210-007-01	1197971	Overhauled	0.0
Torque Limiter	3244707-6	A80461	3244707-6	A80461	Overhauled	0.0

***NOTE: Ignition Exciter not fitted, shipped within engine container.

Airworthiness Directives

NUMBER	TITLE	REMARKS
CF-78-16	FCU BYPASS VALVE DIAPHRAGM	PREVIOUSLY EMBODIED
CF-78-05	HIGH PRESSURE OIL LEAK	PREVIOUSLY EMBODIED
97-04-12	COMPRESSOR BLEED OFF VALVE	EMBODIED
80-08-12	FUEL PUMP DRIVE COUPLING SPLINES	EMBODIED
78-17-07	FUEL CONTROL UNIT	EMBODIED
78-12-04	NO2 BEARING PRESSURE OIL TRANSFER TUBE ASSY	PREVIOUSLY EMBODIED

Service Bulletins Found Embodied

3004	3006	3007	3008	3009	3012	3013	3019	3020	3026	3032	3035	3036	3039	3040
3043	3045	3053	3059	3064	3066	3069	3070	3071	3073	3075	3076	3083	3084	3089
3092	3093	3094	3095	3097	3099	3101	3102	3104	3105	3107	3108	3110	3115	3117
3121	3123	3126	3131	3132	3135	3136	3137	3139	3142	3146	3147	3152	3153	3158
3160	3162	3166	3168	3170	3174	3175	3178	3179	3185	3191	3193	3194	3196	3197
3201	3205	3208	3211	3212	3223	3228	3229	3230	3231	3236	3237	3238	3240	3241
3246	3247	3248	3249	3252	3257	3258	3265	3274	3277	3279	3280	3283	3284	3316
3327	3329	3332	3342	3343	3344	3351	3353	3355	3361	3371	3374	3375	3380	3393

Service Bulletins Embodied

3002	3030	3067	3141	3202	3253	3293	3294	3298	3299	3306	3307	3308	3309	3311
3330	3331	3367	3391	3406	3407	3419	3425	3430	A3405	A3442				

Engine reassembled and tested in accordance with Pratt & Whitney overhaul manual P/N 3021443, revision 40 dated Jul 04/2008, and released to service for continuation of operators approved T.B.O. i.a.w P&WC SB 3003.

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