

Aircraft Condition Report - 5020

Aircraft Details

- Lockheed Model: 382C-44C-05
- Customer Model: C130H
- Lockheed Serial Number: 5020
- Customer Serial Number: Z 21011
- Contract Number: GLX-406
- Engine Type: T56-A-15
- Total Aircraft Flight Hours: 4911.4
- Total Aircraft Cycles: 5658
- Last Flight: July 1996
- Survey Date: April 2007

Aircraft History

Aircraft 5020 was manufactured in 1984 and was delivered to the TuAF in March 1985. The aircraft has an unserviceable date of 1996, and the airframe has been located at the TuAF base in Gafsa, Tunisia. The aircraft underwent the following heavy maintenance inspections:

- The aircraft received a heavy maintenance inspection (6yr / 6300 hr in accordance with SMP-C-65) at LASC Greenville in July of 1990. The aircraft was delivered from maintenance with 2282.4 hrs.
- The aircraft received a heavy maintenance inspection (9yr / 9450 hr in accordance with SMP-C-65) at OGMA in Portugal in July of 1994. The aircraft was delivered from maintenance with 4636.4 hrs.

General

With the exception of the damage incurred by the departure from the runway, the airframe is in excellent condition. This airframe is an excellent value to a customer who is looking for a low time, 1985 C130H Model Hercules. The extensive damage to the airframe is limited to the forward fuselage, center fuselage side panels, and the lower center fuselage cargo floor structure. There is some evidence of minor additional damage on the remainder of the aircraft and can be rectified using standard repairs or replacement of parts / assemblies.

Structural Condition

On general exterior inspection, the external paint finish has performed well since the last application. The sealant is also in good condition. The preservation of the exterior can be attributed to the relatively dry environment that the aircraft has been stored in since being declared unserviceable. There is no major structural damage that could not be either repaired or replaced during normal routine maintenance. The primary structure was found to be sound.

The Outer Wings contain the design improvements common to all Lockheed Production Change (LPC) 817-332 FY 84 Production Outer Wings known also as USAF TCTO 1039 Modified Wings, H Star Outer Wings or Type IV Outer Wings.

Flaps are in good condition, lower surfaces are dirty, but there are no obvious repairs on the exposed surfaces.

Summary

This aircraft has been stored in the desert and it remains in good condition. The performance of a normal PDM inspection, nose section replacement, avionics upgrade and normal repair actions will bring the aircraft back to operational status.

Derco is able to provide the buyer of this aircraft with the flexibility required to tailor the aircraft to their specific operational, maintenance, and budget situation. Derco is also able to offer this aircraft to in a variety of configurations, customized to the buyers exact requirements. With the relatively low flying hours, this aircraft will provide an **additional 20 years of service** provided they are maintained in accordance with an approved maintenance program.

NOTE: The following list only includes items to bring the aircraft to the standard C-130H Configuration.

C-130H Standard Avionic Equipment List for 5020		
System Type		
Model Number	Description	QTY
Intercommunication System		
C-2105A/AIC-18	Intercom Control	2
C-3942(P)/AIC-18	Intercom Control	5
C-2323A/AIC	Intercom Monitor Panel	5
M8805/5-007	Microphone Switch	2
H-157/AIC	Headset	6
Public Address System		
AM-944/AIC-13	Amplifier	3
C-1614/AIC-13	Control	1
LS-211/AIC-13	Loudspeaker	7
MT-1424/AIC-10	Amplifier Mount	3
65217-000	Hand-held Microphone	3
HF Communication Radio		
714E-6A	Control	2
992C-2	Transceiver Mounting	2
790Y-6	Coupler Mounting	1
628T-2A	Transceiver	2
490T-1	Antenna Coupler	2
490S-1	Antenna Coupler	2
AML61-1	Antenna Mount Assembly	2
3330594-1	External Wire Antenna	2
3326634-1	Internal Antenna	2
VHF Communication Radio		
618M-3A	Transceiver	2
313N-2	VHF Comm/Nav Control	2
390Y-7	Transceiver Shock Mount	1
37R-2A	Antenna	2
SA-521/A or MT-1995/A	RF Transfer Switch	1
Direction Finder (VHF/UHF)		
DF-301E	Direction Finder	1
SA-521/A or MT-1995/A	RF Transfer Switch	1
Automatic Direction Finder		
137A-6	Loop Antenna	2
51Y-7A	Receiver	2
614L-13	Dual Control	1
390D-11	Receiver Mount	2
440L-8	Cable Assembly	1
440L-14	Cable Assembly	1
440S-3A	Cable Assembly	1
3317871-3	Sense Antenna	2

ID-250A/ARN	Radio Magnetic Indicator	2
ID-663D8/U	BDHE Indicator	1
Radio Navigation System (VOR/ILS)		
51RV-4B	Receiver (VOR/ILS)	2
DMN4-33	Antenna (VOR/LOC)	1
390Y-7	Receiver Mount	1
37P-5	Glidescope Antenna	1
ID-663D/U	BDH Indicator	3
UHF Communication Radio		
AT-256/ARC	Antenna	2
RT-1168/ARC-164(V)4	Transceiver	1
C-4808/ARC or MT-1932/A	Antenna w/ Mount Selector	1
SA-521A	RF Transfer Switch	1
Marker Beacon Receiver		
51Z-4	Receiver	1
390R-1	Mount	1
60C400 or S35-2000-1	Antenna	1
Radio Navigation System (TACAN)		
RT-1159/ARN-118(V)	Receiver-Transmitter	2
C-10057/A	Control	2
MT-14915/A ARN118(V)	Mount	2
AT-740/A	Antenna	1
AT-741/A	Antenna	3
MX-9577/ARN-118(V)	Adapter	2
Inertial Navigation System		
454620-01-41-62	LTN-72 INU	2
454640-01-11	Control Display Unit	2
452100-02	Mode Select Unit	2
452784-02	INU Tray	2
673528-02	Plenum	2
500012-1	Battery	2
917108-1	Blower	2
972203-1	Blower Inverter	2
663803-02	Battery Tray	2
2SE20-101Z28M	Airflow Switch	2
Radio Altimeter		
860F-4	AL-101 Receiver-Transmitter	1
790S-1	Mount	1
339H-1	Indicator	1
437X-1	Antenna	2
Gyro Compass System (C-12)		
1775277	Magnetic Detector	2
2586261-1	Digital Controller	2
2586257-1	Remote Magnetic Compensator	2
2586333-3	Directional Gyro	2
2589226-1	Amplifier	2
BL2750-1-1 or 90883-2	Dual Mount	1
Autopilot (AP-105V) and Flight Director (FD-109)		

792-6781-003	Primary Servo	3
792-6785-002	Mounting Base	3
345C-2A	Vertical Acceleration Sensor	1
562C-5	Autopilot Amplifier	1
562C-8A	Yaw Damper Computer	1
590B-2	Airspeed Sensor	1
614E-5A	Autopilot Controller	1
990W-1A	Mount	1
990W-5	Mount	1
614E-20S	Push Button Mode Selector	1
990W-3	Mount	2
890J-3	Mount	1
390R-15	Mount	2
590A-3J1	Air Data Control	1
562A-5M5	Flight Computer	2
614E-23R	Push Button Mode Selector	1
161E-2A	Mode Coupler	2
345A-7	Turn Rate Sensor	2
614E-22B	Remote Control (CRS/HDG)	2
HSI-45	Horizontal Situation Indicator	2
ADI-55V	Attitude Director Indicator	2
332D-11A	Vertical Gyro	2
590A-3K1	Air Data Control	1
Ground Proximity Warning System		
965-0476-088	Mark II GPWS Computer	1
965-0412-002	Air Data Computer	1
3317585-3	Mount	1
3317585-1	Mount	1
4C8CFR	Speaker	1
Altitude Alerter System (IDC)		
540-25100-004	Alerter	1
940-18410-2	Tone Generator	1
AN/ASQ-14 Pressurization Kit		
MA-2	Oil-Free Air Pressure Pump	1
C-1173/ASQ	Press Set Control	1
GBC-300-68	Pressure Switch	1
HD-186/ASQ	Dehydrator	1
Air Traffic Control Transponder (TDR-90)		
AT-740/A	Antenna	1
Static Discharger		
CM3-J2	Static Discharger	17
Audio Fire Warning System		
AM-944/AIC-13	Amplifier	1
LS-211/AIC-13	Loudspeaker	1
MT-1424/AIC-10	Mounting	1
389328-1	Tone Generator	1

