



## AIRCRAFT TECHNICAL SPECIFICATIONS

### GENERAL DATA

Manufacturer	BOEING
Model	B747-433
Serial Number	24998
Registration	TC-ACH
Country of Registration	TURKEY
Registration Authority	TURKISH DGCA

Date of Status	05.09.2013
Total Airframe Hours	72753:26
Total Airframe Cycles	12530
Flight Hours as ACT Airlines	9:10
Flight Cycles as ACT Airlines	1

### GENERAL DESCRIPTION

Date of Manufacture	1991
BLOCK NO	840
GROUP	RT101

Approach Category	CAT III
Noise Compliance	
SELCAL Code	DQ-FG

### DESIGN WEIGHTS

Maximum Taxi Weights	873.000 Lbs
Maximum Take-off Weight	870.000 Lbs
Maximum Landing Weight(*)	652.000 Lbs
Maximum zero Fuel Weight	610.000 Lbs
Minimum Weight	357.500 Lbs

Crew Accommodation	2 Pilots, 2 Observers / 8 Pax Seat / Crew Rest (2 bunks)
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### ENGINES

Manufacturer	Pratt&Whitney	PW4056-3
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Serial Number	Total FH	Total FC	LLP Remaining Cycles	First Limiter
724357	59500:10	10805	6852	1 STAGE TURBINE HUB/DISK - FRONT*
724312	65462:10	12646	3669	1 STAGE TURBINE HUB/DISK - FRONT*
724359	65288:10	12666	3979	1 STAGE TURBINE HUB/DISK - FRONT*
724315	58305:10	9.743	7689	1 STAGE TURBINE HUB/DISK - FRONT*

### APU

Manufacturer	Pratt_Whitney
Type	PW901A
PN	3910001-03
SN	900192

### LANDING GEARS

Manufacturer	GOODRICH
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Position	Interval ( Year )	Last Acc	Next Due O/H
NLG PN:162U1000-63 SN:CP000905	10	12.10.2005	12.10.2015
L-BLG PN:163U1000-47 SN: CP004804	10	12.10.2005	12.10.2015
R-BLG PN:163U1000-48 SN:CP001804	10	30.09.2005	30.09.2015
L-WLG PN: 161U1000-57 SN: CP001799	10	30.09.2005	30.09.2015
R-WLG PN:161U1000-58 SN: CP001800	10	30.09.2005	30.09.2015

### BRAKES

Manufacturer	GOODRICH
P/N	2-1515-2

### MAINTENANCE PROGRAM

CHECK	Last Done			INTERVAL
	Date	Hours	Cycles	
A	02.08.2013	72.744	12.529	1000 FH
C	02.08.2013	72.744	12.529	7500 FH / 18 MO

AVIONICS LIST			
DESCRIPTION	P/N	QUANTITY	MANUFACTURER
<b>21 AIR CONDITIONING</b>			
PACK TEMP CONTROLLER	796880-60-003	2	HAMILTON
CABIN PRESSURE CONTROLLER	796884-2-007	2	UNITED TECH.
ZONE TEMP. CONTROLLER	796881-50-001	1	HAMILTON
<b>22 AUOFLIGHT</b>			
FLIGHT CONTROL-COMPUTER	622-8757-106	2	ROCKWELL COLLINS
FLIGHT CONTROL-COMPUTER	622-8757-102	1	ROCKWELL COLLINS
YAW DMP-MODULE	285U0013-203	1	BAE
YAW DMP-MODULE	285U0013-204	1	BAE
<b>23 COMMUNICATIONS</b>			
VHF COMM-TRANSCVR	822-1047-003	3	ROCKWELL COLLINS
HF COMM-TRANSCVR	622-5272-120	2	ROCKWELL COLLINS
AUDIO MANAGEMENT-UNIT	1167014-144	1	ROCKWELL COLLINS
ACARS CMU MK II	965-0758-001	1	HONEYWELL
VOICE RECORDER	2100-1020-00	1	L-3
SELCAL-DECODER	NA138-714B	1	MOTOROLA
P.A AMPLIFIER	622-5342-101	1	ROCKWELL COLLINS
ELT	1151324-1M412	2	HONEYWELL
<b>24 ELECTRICAL POWER</b>			
MAIN TRANSFORMER RECTIFIER	2-418-05	4	EIDEC
<b>27 FLIGHT CONTROLS</b>			
FLAP CONTROL UNIT	285U0011-208	3	BOEING
STAB TRIM/RUDDER RATIO MODULE	285U0015-110	2	BOEING
<b>30 ICE &amp; RAIN PROTECTION</b>			
WINDOW HEAT-CONTRLLR	2915-4	1	EIDEC
WINDOW HEAT-CONTRLLR	2915-5	1	EIDEC
<b>31 INDICATING-RECORDING SYSTEM</b>			
CLOCK	2610-08-1	2	SMITH
NAV-DISPLAY	622-8588-105	2	ROCKWELL COLLINS
PRIMARY FLIGHT DISPALY	622-8588-105	2	ROCKWELL COLLINS
EICAS DISPLAY	622-8588-105	2	ROCKWELL COLLINS
EFIS CONTROL PANEL	622-8590-112	2	ROCKWELL COLLINS
EIU	622-8589-105	3	ROCKWELL COLLINS
DATA MANAGEMENT UNIT	2232000-02B	1	TELEDYNE
DFDR	980-4700-003	1	HONEYWELL
OQAR	2248000-62	1	TELEDYNE
<b>32 LANDING GEAR</b>			
PSEU	8-569-17	1	EIDEC
<b>34 NAVIGATION</b>			
RADIO ALTIMETER-TRANSCVR	622-4542-120	3	ROCKWELL COLLINS
ILS SYSTEM-RECEIVER	822-0282-120	3	ROCKWELL COLLINS
WEATHER RADAR-TRANSCVR	M1585306-401	3	HONEYWELL
TCAS COMPUTER	622-8971-022	1	ROCKWELL COLLINS
TCAS/ATC CONTROL PANEL	622-8974-315	1	ROCKWELL COLLINS
IRU	HG1050AE11	1	HONEYWELL
IRU	HG1050AD11	2	HONEYWELL
FLGHT MANAGEMENT-COMPUTER	4052508-952	2	HONEYWELL
AIR DATA-COMPUTER	4040800-908	2	HONEYWELL
AIR DATA-COMPUTER	4040800-908	1	HONEYWELL
MCDU	4058650-904	2	HONEYWELL
MCDU	4058650-908	1	HONEYWELL
DME INTEROGATOR-UNIT	622-4540-122	2	ROCKWELL COLLINS
VOR/MARKER RECEIVER	822-0726-120	2	ROCKWELL COLLINS
EGPWS COMPUTER	965-0976-003-212-212	1	HONEYWELL
GPS SENEOR	HG2021GC01	1	HONEYWELL
GPS SENEOR	HG2021GC02	1	HONEYWELL
TRANSPONDER-ATC	822-1338-003	2	ROCKWELL COLLINS
A.D.F.-RECEIVER	622-5222-120	2	ROCKWELL COLLINS
<b>45 CMC SYSTEM</b>			
CNTRL MAIN-COMPUTER	622-8592-105	2	ROCKWELL COLLINS
<b>77 ENGINE INDICATING SYSTEM</b>			
UNIT-ENG VIB MON	6672M852	2	ENDEVCO



## AIRCRAFT TECHNICAL SPECIFICATIONS

### FUEL SYSTEMS

Tank Capacity	203.897 Liters
Fuel Tank Configuration	8 Tanks (4 main, 2 Reserve, 1 center wing)
Fuel Quantity Indications Units	Liter

### EQUIPMENT AND FURNISHING

	Manufacturer	Model or part number	Quantity
Escape Slide (U/D LH, RH)	GOODRICH	7A1323-114	2
Lavatories	BOEING	"LAV A"	1
Galley	DRIESSEN	601224-101	1
ELT	HONEYWELL	1151324-1M412	2

### CARGO

PAX to Cargo Conversion performed in 2006

Maximum Gross Payload	251.545 Lbs
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The data contained in these specifications were derived from company records  
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