



Aircraft Spares

N26, Haroon Bungalows Phase 2, Scheme 33, Sector 38A, Near
Quaid Azam International Airport, Karachi, Pakistan.

Email : ceo@aircraftspares.tk Web Site: www.aircraftspares.tk Tel : +92 313 268 5353,

AI Phase-Out



Aircraft Spares

3/22/2012

Prepared by : A/cft Prod. Planning & Control, CC-842 Page : 1 of 9

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AIRCRAFT SPECIFICATIONS

Tail No.	AI
Fuse No.	RB748
Line No.	557
Date Ordered	02 APR 1982
Date In-Svcs	06 APR 1982

Mfg. SN	22749
Eff. No.	008
Date Mfd	19 MAR 1982
Date Rcvd.	03 APR 1982

ENGINE / APU	
Engine Type	RB211-524-C2-19
Max. Thrust	51,500
Noise Level	FAR 36 STAGE 3
APU Type	GTCP 660-4
IFSD/1000 Eng Hrs 12 Mo	0.147

IFE STATUS	
Video	N/A
Landscape Camera	NO
Air show	NO
Audio	12 CHANNELS
Cabin Printer	N/A
Fax Machine	N/A

AVIO SYSTEMS		
ACARS		N/A
FANS (ATN/CNS)		N/A
TCAS		YES
Predictive Wind shear		NO
Glass Cockpit		N/A
Voice Comm.		N/A
Configuration	Number of SEATS	SEAT PITCH (in.)
First Class	18	60
Business	0	N/A
Guest	406	31
Total	424	

DIMENSIONS	
Length	231 FT. 4INCH
Wingspan	195 FT. 8 INCH
Height	63 FT. 5 INCH

Mfg Model No.	FUEL CAP.	RANGE (NM)	
		VOL P/N	PAX P/N
747-168B	48,324	3,900	4,760

CARGO	
Total (lbs.)	123,850
Total (FT3)	6,190
Total Containers	30

MAX WEIGHT LIMIT (lbs)	
Zero Fuel	526,500
Taxi	753,000
Landing	585,000
Take-Off	750,000

CREW REST	
Pilots	2
M/ A Rest	NO
F/ A Rest	NO
Prayer Area	NO



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TECHNICAL DATA

AIRFRAME

EFFECTIVE AS PHASE-OUT DATE OF:	05 APR 2008
TOTAL HOURS	68397 HRS
TOTAL CYCLES	24621 CYCLES
CURRENT MAINTENANCE PROGRAM	
A-CHECK EVERY	600 HRS
C-CHECK EVERY	24 MONTHS 7500 HOURS
D-CHECK EVERY	8 YEARS
CORROSION PREVENTION & CONTROL PROGRAM	EVERY "C"-CHECK
AGING AIRCRAFT PROGRAM	EVERY "C"-CHECK
C-CHECK STATUS	
LAST C-CHECK ACCOMPLISHED	03 JAN 2007
TOTAL HOURS AT LAST C-CHECK	64914
TOTAL CYC AT LAST C-CHECK	23357
NEXT C-CHECK (MID CHECK) DUE DATE	23 Dec 2008
D-CHECK STATUS	
LAST D-CHECK ACCOMPLISHED	21 DEC 2004
NEXT D-CHECK DUE DATE	20 DEC 2012



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LANDING GEAR

ALL DATA IS EFFECTIVE AS OF: 05 APR 2008

POSITION	LEFT		NOSE	RIGHT	
	BODY	WING		BODY	WING
SERIAL NUMBER MFG	CP001421	CP001093	CP000555	CP001426	CP001278
ESTIMATED OVERHAUL INTERVAL	10Y	10Y	10Y	10Y	10Y
ESTIMATED CYCLES SINCE OVRHL.	6555	6555	6555	6555	6555
ESTIMATED DAYS REMAINING	1262	1262	1262	1262	1262
ESTIMATED PERCENT REMAINING	34%	34%	34%	34%	34%

ENGINES

TYPE: RRRB211-524C2

ALL DATA IS EFFECTIVE AS OF: 30 Mar 2008

POSITION	1	2	3	4
SERIAL NUMBER	12253	12267	12312	12305
TOTAL TIME	58729	55445	50574	54475
TOTAL CYCLES	20679	20632	17024	18739
TOTAL CYCLES SINCE SHOP VISIT	1245 (Rep)	1695 (OVH)	2353 (OVH)	1149 (Rep)
REMAINING CYCLES FOR REMOVAL	563	485	1509	756



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AUXILIARY POWER UNIT (APU)

ALL DATA IS EFFECTIVE AS OF: 05 April 2008	
MODEL NUMBER	GTCP660-4
SERIAL NUMBER	P108
TOTAL HOURS	59783
TSLSV	200 (Rep)
REMAINING HRS FOR APU RMVL.	9827

AII Estimated OPEN Engineering Authorization

AS OF: 05 April 2008

EA Ref	Description	Due Date	M-hrs
N I L			

AII Open Engineering Orders/AD/FAR

AS OF: 05 April 2008

EO #	Reference	Description	Run-out	M-Hrs
211127	SB 21A2418 FAA-2007-07-03	Air condition trim air diffuser duct insp.	Repeat Insp.	20 H
231593	SAUDIA	B747-100 & SP cockpit video system	31-Dec-07	110 H
251711	SB 25A3159	Main Deck overhead stowage bin support structure inspection & replacement	31-Dec-11	400 H
271580	SB 27-2280	T.E Flaps carriage & aft link inspection	Repeat Insp.	36 H
271592	SB 27A2398	O/B Flap track & x-mission attachment R/R	18-Apr-10	400 H
281280	SB 28-2259 FAA-2007-21-13	Main tank fuel boost pump housing inspection	2-Jul-10	80 H
291233	SAUDIA	NLG hydraulic return flexible hose R/R	25-Nov-08	2 H



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Open Engineering Orders/AD/FAR AS OF: 05 April 2008

EO #	Reference	Description	Run-out	M-Hrs
301083	SB 30A2080 FAA-2007-19-16	FWD & AFT cargo water and drain heaters line replacement	31-Dec-08	46 H
321478	SB SAUDIA	Nose & main landing gear retract actuator	31-Dec-08	25 H
351127	SB 35A2120	Crew oxygen system supply pressure flex hose replacement	30-Sep-08	10 H
531010	SB 53A2275	Fuselage BS 2360 aft Press-Bulkhead inspection & APU cut modification.	30-Jun-08	518 H
531020	SB 532283	BS 1241 Splice Strap & Forging, inspection & replacement.	Repeat Insp.	72 H
531027	SB 53A2303	BS 400-520 Stringer #6 Skin Lap Splice inspection.	Repeat Insp.	6 H
531050	SB 53A2312	Skin Lap Splice Upper Fasteners Row modification Wing Body Fairing.	1-Dec-08	96 H
531052	SB 53-2253 FAA-85-17-05 FAA-90-23-14	FS 340 to FS400 Stringer #6 Inspection after Modification.	30-Dec-08	48 H
531054	SB 53-2302	BS 2200/2220 Frame inspection Outflow Valve Cutout	initial insp C/W	24 H
531073	SB 53A2349	Fuselage inspection on Fatigue Results.	28-Mar-09	1600 H
531117	SB 53-2291	BS 1350 to 1480 over wing upper chord inspection	31-Dec-08	48 H
531093	SB 53-2367	Fuselage Skin Body Skin Lap Joint inspection based on Fatigue Results.	31-Dec-08	14 H
531140	SB 53A2396	Skin and Internal Doublers. Inspection/Repair/Mod above #1 Main door	Repeat Insp.	170 H
531199	SB 53A2410	Sec 48 STGR #11 Longerons FTG Sta 2598 insp. & replacement	initial insp C/W	10 H
531205	SB 52A2287	FWD, Aft Cargo Door Hinge Attachment Fitting Inspection	27-Feb-10	50 H
531291	SB 53A2416	B747-Fuselage - Center section - Body station 1265 frame inspection and repair.	Repeat Insp.	34 H
531301	SB 53A2427	Tail section BS 2598 bulkhead FWD and AFT inner chord inspection	Repeat Insp.	5 H
531310	SB 53A2417	#1 main entry door cut out door frame FWD edge STA434 inspection and repair	Repeat Insp.	8 H
531345	SB 53A2431	U/D fwd beam upper chord inspection STA 340-360-380	10-Apr-08	64 H
531350	SB 53A2450	Fuselage - section 46 body station 2231 frame inspection	initial insp C/W	20 H
531354	SB 53A2444	Fuse Skin Crack at Drag Splice	initial insp C/W	12 H
531357	SB 53A2449	Tail section BS2598 bulkhead frame support inspection under horizontal stabilizer hinge support fitting	Repeat Insp.	21 H
531389	SB 53A2465	Nose W/W top / side panel web & stiffener inspection.	31-Dec-08	58 H



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AS OF: 05 April 2008

EO #	Reference	Description	Run-out	M-Hrs
531391	SB 53A2451	Fuselage section 42 door #2 FWD edge at station 800 inspection and repair.	19-May-08	18 H
531401	SB 53A2467	Tail section BS 2598 bulkhead inner chord outer chord and diagonal brace inspection	Repeat Insp.	12 H
531404	SB 53-2352	Body Station 1350 bulkhead upper cord inspection & rep	initial insp C/W	210 H
531405	SB 53A2448	sec 46 cargo door cutout fwd/aft upper corner inspection	initial insp C/W	48 H
531437	SB 53A2459	STA340 & 360 U/D FLR BEM UPR CORD & WEB INSP	Repeat Insp.	48 H
531468	SB 53A2482 FAA-2004-16-09	fuselage tail section BS-2360 pressure bulkhead WEB insp.	31-Dec-08	19 H
531475	SB 53-2460	LH/RH #3 entry door FWD corner reveals inspection	29-Apr-08	348 H
531486	SB 53A2471	BS1000 BLKHD chord stringer S37 to S39 inspection / repair.	Repeat Insp.	28 H
531498	SB 53A2452	Fuse floors U/D floor beam upper chord inspection & repair	8-Mar-08	180 H
531518	SB 53A2512	Door 3 LH & RH c/out lower FWD and upper AFT corner inspection & repair of LH/RH side skin and bear strap	Repeat Insp.	28 H
531520	SB 53-2473 FAA-2006-05-06	Fuselage section 48 BS2598 Horizontal Stabilizers support frame modification & repair	26-Apr-09	142 H
531528	SB 53-2502	B747-100/-200 and B747-SP Upper deck tension ties and frame inspection and repair	31-Jul-09	180 H
531532	SB 53A2562 FAA-2006-22-15	Nose wheel well side and top panels web and stiffeners replacement.	1-Aug-09	300 H
531536	SB 53A2501 FAA-2006-22-09	Fuselage skin inspection for cracks at multiple sites on skin lap joint.	15-Jan-08	1000 H
531542	SB 53A2561 FAA-2007-02-24	Fuselage section STA 2360 Aft press Bulkhead web lap joint inspection for fatigue damage.	30-Apr-08	75 H
531555	SB 53A2675	FUSE SEC 41 skin inspection	28-Feb-08	48 H
531567	SB 53A2658 FAA-2007-25-17	STN 1241 Bulkhead Fitting Inspection	18-Jul-08	24 H
531573	SB 53A2515 FAA-2007-26-17	Center section longeron extension fitting inspection & repair	26-Aug-08	1 H
531588	SB 53A2563	Fuselage-Skin-Inspections of the Fuselage Skin and Butt Joint Splice Straps for Scribe Lines	18-Oct-08	1620 H
531590	SB 53A2704	Fuselage-Skin-Inspections and Repair at Longitudinal Rows of Fasteners CE Straps for Scribe Lines	17-Aug-09	67 H
541118	SB 54A2182	Pylon strut to wing attach structure inspection.	Repeat Insp.	1000 H
541121	SB 54A2182 FAA-2005-03-01	Pylon secondary fuse pins NDT inspection.	31-Dec-14	200 H



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EO #	Reference	Description	Run-out	M-Hrs
541150	SB 54A2218	B747-100 / SP pylons dual side brace & under wing mid spar fitting inspection & modification.	30-Dec-08	240 H
541156	SB 54A2225	#1 & 4 pylons spring beam mid pivot bolt inspection.	28-Feb-08	10 H
551059	SB 55A2050	H/S stabilizer upper skin & upper rear spar chord inspection	30-Dec-10	309 H
561015	SB 56A2012	Flight comp. Window No.2 & 3 insp	Repeat Insp.	10 H
571032	SB 57-2256	T/E Flap track fwd bolt hole corr insp and rework	Repeat Insp.	104 H
571086	SB 57-2297	WING FRONT SPAR CTR SECT WEB INSP & RPR.	Repeat Insp.	48 H
571181	SB 57A2310	T/E flap act attach fitting inspection & replace	Repeat Insp.	3 H
571206	SB 57A2311	Wing front spar inspection and modification.	initial insp C/W	393 H
571234	SB 57A2314	wing upper skin rear spar upr cord & side of body splice insp/rpr	Repeat Insp.	250 H

Major Maintenance (C/D-Check and Modification) Requirement As of 05 April 2008

EO#	Requirement	Due Date	Ground Time
1	C2-CHK	23-Dec-08	10 Days
531536	Fuselage skin inspection for cracks at multiple sites on skin lap joint.	10-Mar-08 At 26097 F/C	1000 H / 14 Days
531073	Fuselage inspection on Fatigue Results.	28-Apr-08 At 26270 F/C	1600 H / 10 Days

Note: A-check due date depends on compliance of C and D-check



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MAJOR MODIFICATIONS

Embodied on AII

#	EO NO	Reference	Description
1	341132	FAA-121.356/ 125.224	Traffic collision avoidance system installation
2	341565	FAA-HM-2004-16-14	Installation of FMS/GPS system
3	341527	Collins-TPR-901-34-10	MOD "S" transponder retrofit
4	531032	FAA-2005-04-51	Nose section 41 body frame structure replacement and reinforcement
5	541022	FAA-2006-12-03	Nacelle strut and wing structure modification