



AIR INDIA
ENGINE OVERHAUL, OAP, MUMBAI
QUALITY CONTROL DIVISION
FAA/JAA APPROVED REPAIR STATION NO. AINY 113C

LIFE LIMITED PARTS LIST FOR THE ENGINE										
GE-CF6-80C2 A2 ENGINE										
ENGINE S/No:		690140		Release Date						
ENG TSN		41390				ENG CSN		15092		
BOOSTER S/No.		21X95103		TSN		52551		CSN		19695
				TSO		15677		CSO		5373
S/No.	DESCRIPTION	PART No.	SERIAL No.	U. HRS.	U. CYC.	TSN	CSN	LIFE BALANCE		REMARKS
								HOURS	CYCLES	
1	Stg.1 Fan disk	1703M78P06	MPOS0117		20000	49332	17690		2310	
2	Stg.2 -5 spool	9373M184G05	VOLO2614		20000	52551	19695		305	
3	Fan forward Shaft	1277M75G07	GWNY5081		20000	44628	16571		3429	
4	Fan Mid shaft	1862M41P01	MPOS3839		20000	47425	16957		3043	
CORE S/No.		31X95351		TSN		33606		CSN		11894
				TSO		13216		CSO		5152
S/No.	DESCRIPTION	P/No.	Sr.No.	U. HRS.	U. CYC.	TSN	CSN	LIFE BALANCE		REMARKS
								HOURS	CYCLES	
1	Stg.1 Disk	9380M26P02	SNGO5954		14480	36639	14465		15	
2	Stg.2 Disk	9380M12P03	GWNF1733		20000	41522	15467		4533	
3	Spool 3-9 Stage	1856M15G02	VOLB5908		20000	13216	5152		14848	
4	Stg.10 Disk	9380M12P03	GWNC4406		20000	41522	15467		4533	
5	Spool 11-14 Stage	9380M130G09	MPOS3662		16600	44260	15585		1015	
6										
7										
8	Rot. CDP Seal	1855M160P01	ELOA8435		20000	41978	15526		4474	
9										
IPT SR.No		53X90122		TSN		46254		CSN		17551
				TSO		7922		CSO		2906
S/No.	DESCRIPTION	P/No.	Sr.No.	U. HRS.	U. CYC.	TSN	CSN	LIFE BALANCE		REMARKS
								HOURS	CYCLES	
1	Stg.1 Disk	2047M32G04	MPOAE328		15000	40286	13980		1020	
2	Impeller spacer	1539M12P02	GFF59W111		15000	13721	5160		9840	
3	Stg.2 Disk	9362M43P09	MUNDS600		15000	7922	2906		12094	
4	Vane Ring Diffuser	9290M28P15	BTAAS178		15000	25728	8941		6059	
LPT S/No.		57X95104		TSN		52658		CSN		19998
				TSO		21253		CSO		7802
S/No.	DESCRIPTION	P/No.	Sr.No.	U. HRS.	U. CYC.	TSN	CSN	LIFE BALANCE		REMARKS
								HOURS	CYCLES	
1	Stg.1 Disk	9373M15P03	MPOS3451		20000	52658	19998		2	
2	Stg.2 Disk	9373M52P04	MPOS1941		20000	52658	19998		2	
3	Stg.3 Disk	9373M153P05	MPOS1850		20000	52658	19998		2	
4	Stg.4 Disk	9373M154P04	MPOS0405		20000	52658	19998		2	
5	Stg.5 Disk	9373M155P04	MPOS0412		20000	52658	19998		2	
6	LPT Shaft	9382M159P06	RRAO0794		20000	49647	16316		3684	
Alt Mount Links										
1	LH Link	1846M23G01	EGTB5517		50000	15776	5816		44184	
2	RH Link	9348M84G03	WIN426AC		80000	14430	5482		74518	
Prepared By: Shanthi M.K. Dy. Chief Engineer										



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ENGINE OVERHAUL, OAP, MUMBAI
 QUALITY CONTROL DIVISION
 ENGINE INSTALLATION /REMOVAL DETAILS

CUSTOMER	AI	ENGINE MODEL	GE CF6-80C2 A2	
Engine Sr. No.	690140	TSN/CSN	41390	15092
A/C Location;	EJJ-2	TSO/CSO	29807	10239
Date:	5th Nov 09	TSV/CSV	0	0
		W/O NO.		
T/O EGT MARGIN		MCT MRGN		OIL PR.

Reason For Removal:

MODULE STATUS

Description	Serial No.	TSN	CSN	TSO	CSO	REMARKS
Booster	21X95103	52551	19695	15677	5373	
Core	31X95351	33606	11894	13216	5152	
Combustor	GGMER071	-	-	1423	372	
HPT stg 1 nozz assy	51X90140	40852	14841	1423	372	
HPT	53X90122	46254	17551	7922	2906	
LPT	57X95101	52658	19998	21253	7802	
A.G.B	FIA5K144	-	-	23549	6481	
T.G.B	SNEO0002	-	-	20147	6746	
I.G.B.	EPE20735	-	-	21290	7355	
Mid shaft	MPOS3839	47425	16957			
Fwd. shaft	GWNY5081	44628	16571	15677	5373	
LH LINK	EGTB5517	15776	5816	1423	372	
RH LINK	WIN426AC	14430	5482	1423	372	

Module Minimum Life balance		
Module	Cycles	Life limiting part
Booster	305	Stg 2 -4 spool
Core	15	Stg 1 Disk
HPT	1020	Stg 1 Disk
LPT	2	Stg 1 Disk
Mid shaft	3043	Mid shaft
Fwd. shaft	3429	Fwd. shaft
MINIMUM	2	Stg.1 Disk

ENGINE LIMITER	
3-9 SPOOL INSP	N/A
STG 2 HPC DISK	2
Ist LIMITER	2

NOTE : ANTICIPATED LIFE AS ON 5TH NOVEMBER ' 09