

Rolls-Royce		WORKSCOPE					
The work requested in this workscope is to be strictly adhered to unless written permission to alter the requested work is received from Rolls-Royce							
Document ref.:	ERI: TCN: EN185987	Issue:	1	ESN:	CAE311412		
ENGINE INFORMATION & CONDITION AT REMOVAL							
Engine Type:	AE3007A1P	Operator:	ROLLS-ROYCE CORP AE3007	Has the Engine been operated as an 3007A:	No		
Aircraft Type:	EMB-145	Test Rating:	A1P	Has the HPT2 Wheel ever operated as a A1/2	No		
Overhaul Base Address:	1029 Ross Drive, Maryville, TN 37801	Reason for re-issue:	-				
N2 Margin:	-	LP Vibration:	-	Overhaul Base:	StandardAero Alliance		
TSN:	44717.35	TSLSV:	1989.85	Dispatch rating:	AE3007A1P		
CSN:	34529	CSLSV:	1707	HP Vibration:	-		
ITT Margin:	-	ITT Trimmer:	Unknown	Fadec Standard:	Unknown		
Reason for Removal:	INSPECTION-SCHEDULED			Military/Civil:	C		
SHOP VISIT INFORMATION							
Removal date:	12/9/2021	Hospital Visit	No	Manual revision:	CSP31010 87 7/20/2025		
Planned induction date:	12/4/2025	N2 refurbishment required per EMP	No	Investigation Engine	No		
Induction Test Required:	No	ITT refurbishment required per EMP	No	Customer EMP rev:	-		
Date Promised:	-	Cabin Odor supplemental workscope	No	Generic EMP rev:	CSP34093 50 7/31/2023		
Authorized by:	KEVIN ACOSTA	N2 Vibration supplemental workscope	No	2+2 Engine	No		
Date Created:	12/8/2025	Oil Debris Centerline additional workscope	No	Ignitors FH since last install	191.62		
Airworthiness Authority Form:	FAA Form 8130	Oil Debris Midspan additional workscope	No	Fuel Nozzles FH since cleaned	862.45		
SEDR ref:	As Needed	MCIL:	-	MM rev			
TVF:	-	NTD List ref:	-		CSP34022 100 7/20/2		
GROUP A PARTS SUMMARY							
Nomenclature	Part Number	Serial Number	TSN	CSN	Life Limit	Cycles Remain	Replace
Fan Wheel	23092575	MW76211	1989.85	1707	20000	18293	
Fwd Fan Blade Retainer	23062491	HK123225	1989.85	1707	20000	18293	
Fan Drive Shaft	23074382	GV276313	11626.04	9383	35000	25617	
1st-stg Compressor Wheel	23084156	L349808	19719.66	15871	30000	14129	
2nd-stg Compressor Wheel	23084157	L346143	19719.66	15871	30000	14129	
3rd-stg Compressor Wheel	23084158	L354974	19719.66	15871	24200	8329	
4th-stg Compressor Wheel	23084159	L327972	19719.66	15871	30000	14129	
5th-stg Compressor Wheel	23084160	L348990	19719.66	15871	30000	14129	
6th-stg Compressor Wheel	23084161	L351069	19719.66	15871	30000	14129	
7th-stg Compressor Wheel	23084162	L326858	19719.66	15871	30000	14129	
8th-stg Compressor Wheel	23084163	L354697	19719.66	15871	30000	14129	
9th-stg Compressor Wheel	23084164	L358075	19719.66	15871	30000	14129	
10th-stg Compressor Wheel	23084165	L359045	19719.66	15871	30000	14129	
11th-stg Compressor Wheel	23084166	L354111	19719.66	15871	30000	14129	
12th-stg Compressor Wheel	23084167	L356805	19719.66	15871	30000	14129	
13th-stg Compressor Wheel	23084168	L343182	19719.66	15871	30000	14129	
14th-stg Compressor Wheel	23084169	L342295	19719.66	15871	30000	14129	
Compressor Shaft Cone Assy	23084170	L378804	11626.05	9383	30000	20617	
1st-stg HPT Wheel	23069591	MM504213	37494.25	29337	35000	5663	
2nd-stg HPT Wheel	23088818	MW91088	1989.85	1707	20000	21293	
1st-to 2nd-stg Turbine Spacer	23076778	TW516007	29646.55	23110	30000	8990	
1st-stg LPT Wheel	23073957	MW79046	11626.05	9383	35000	25617	
2nd-stg LPT Wheel	23088282	MW78687	11626.05	9383	35000	25617	
3rd-stg LPT Wheel	23079224	MW75638	11626.05	9383	35000	25617	
LPT Interstage Spacer A	23089136	SAC11949	11626.05	9383	35000	25617	
LPT Interstage Spacer B	23089136	SAC11940	11626.05	9383	35000	25617	
LPT Forward Shaft	23074538	GV273289	11626.05	9383	35000	25617	
SUMMARY OF WORK REQUIRED -	FAN ROTATING			Workscope Level:	GVI	Time Since Last Level 3:	N/A
Specific Instructions:							
Additional requirements:	0						
SUMMARY OF WORK REQUIRED -	FAN STATIONARY			Workscope Level:	GVI	Time Since Last Level 3:	N/A
Specific Instructions:							
Additional requirements:	0						
SUMMARY OF WORK REQUIRED -	HPC			Workscope Level:	GVI	Time Since Last Level 3:	N/A
Specific Instructions:							
Additional requirements:	0						
SUMMARY OF WORK REQUIRED -	DIFFUSER ASSEMBLY			Workscope Level:	GVI	Time Since Last Level 3:	N/A
Specific Instructions:							
Additional requirements:	0						
SUMMARY OF WORK REQUIRED -	HPT 1ST STAGE VANE & SUPPORT ASSY			Workscope Level:	GVI	Time Since Last Level 3:	N/A
Specific Instructions:							
Additional requirements:	0						
SUMMARY OF WORK REQUIRED -	HPT ROTOR/CASE & 2ND STAGE VANE ASSY			Workscope Level:	GVI	Time Since Last Level 3:	N/A
Specific Instructions:							
Additional requirements:	0						
SUMMARY OF WORK REQUIRED -	LPT			Workscope Level:	GVI	Time Since Last Level 3:	N/A
Specific Instructions:							
Additional requirements:	0						
SUMMARY OF WORK REQUIRED -	AGB			Workscope Level:	GVI	Time Since Last Level 3:	N/A
Specific Instructions:							
Additional requirements:	0						
SUMMARY OF WORK REQUIRED -	BYPASS DUCT			Workscope Level:	GVI	Time Since Last Level 3:	N/A
Specific Instructions:							
Additional requirements:	0						
SUMMARY OF WORK REQUIRED -	CONTROLS			Workscope Level:	GVI	Time Since Last Level 3:	N/A
Specific Instructions:							
Additional requirements:	0						
SUMMARY OF WORK REQUIRED -	EXTERNAL HARDWARE			Workscope Level:	GVI	Time Since Last Level 3:	N/A
Specific Instructions:							
Additional requirements:	0						
Customer Responsible Charges (requested workscope)							
0							
Inspection Highlites/Additional Work Required							
N/A							
For Service Bulletins and Non Modification SB inspections that require embodying and previously accomplished, see the attacheded list.							
REV.12							