

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: EN185988	Issue:	1		ESN:	CAE312223	
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:	1.3	LP Vibration:	0.11		Overhaul Base:	StandardAero Alliance	
TSN:	35587.11	TSLSV:	1662.02		Dispatch rating:	AE3007A1P	
CSN:	29359	CSLSV:	1394		HP Vibration:	0.56	
ITT Margin:	38.5	ITT Trimmer:	Unknown		Fadec Standard:	Unknown	
Reason for Removal:	INSPECTION-SPECIAL			Military/Civil:	C		
SHOP VISIT INFORMATION							
Removal date:	12/8/2021	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:	JOSEPH PALLO	N2 Vibration supplemental workscope	No		2+2 Engine	No	
Date Created:	12/10/2025	Oil Debris Centerline additional workscope	No		Igniters FH since last install	3633	
Airworthiness Authority Form:	FAA Form 8130	Oil Debris Midspan additional workscope	No		Fuel Nozzles FH since cleaned	7930	
SEDR ref:	As Needed	MCIL:	-		MM rev	CSP34022 100 7/20/2	
TVF:	-	NTD List ref:	-				
GROUP A PARTS SUMMARY							
Nomenclature	Part Number	Serial Number	TSN	CSN	Life Limit	Cycles Remain	Replace
Fan Wheel	23077611	MW70841	11554.86	9701	20000	10299	
Fwd Fan Blade Retainer	23062491	HK122849	11554.86	9701	20000	10299	
Fan Drive Shaft	23074382	GV244783	35587.11	29359	35000	5641	
1st-stg Compressor Wheel	23084156	L396245	11554.86	9701	30000	20299	
2nd-stg Compressor Wheel	23084157	L376711	11554.86	9701	30000	20299	
3rd-stg Compressor Wheel	23084158	L376270	11554.86	9701	24200	14499	
4th-stg Compressor Wheel	23084159	L374934	11554.86	9701	30000	20299	
5th-stg Compressor Wheel	23084160	L380517	11554.86	9701	30000	20299	
6th-stg Compressor Wheel	23084161	L388729	11554.86	9701	30000	20299	
7th-stg Compressor Wheel	23084162	L379949	11554.86	9701	30000	20299	
8th-stg Compressor Wheel	23084163	L392607	11554.86	9701	30000	20299	
9th-stg Compressor Wheel	23084164	L377779	11554.86	9701	30000	20299	
10th-stg Compressor Wheel	23084165	L373324	11554.86	9701	30000	20299	
11th-stg Compressor Wheel	23084166	L375624	11554.86	9701	30000	20299	
12th-stg Compressor Wheel	23084167	L371366	11554.86	9701	30000	20299	
13th-stg Compressor Wheel	23084168	L385909	11554.86	9701	30000	20299	
14th-stg Compressor Wheel	23084169	L384938	11554.86	9701	30000	20299	
Compressor Shaft Cone Assy	23084170	L378584	11554.86	9701	30000	20299	
1st-stg HPT Wheel	23069591	MM500537	35587.11	29359	35000	5641	
2nd-stg HPT Wheel	23088818	MW64189	17762.02	14634	20000	8366	
1st-to 2nd-stg Turbine Spacer	23076778	TW516133	25925.68	21741	30000	8259	
1st-stg LPT Wheel	23073957	WD245229	35587.11	29359	35000	5641	
2nd-stg LPT Wheel	23088281	MW87464	1813.57	1520	35000	33480	
3rd-stg LPT Wheel	23079224	MW82154	1813.57	1520	35000	33480	
LPT Interstage Spacer A	23054049	TW507050	35587.11	29359	35000	5641	
LPT Interstage Spacer B	23054049	TW507024	35587.11	29359	35000	5641	
LPT Forward Shaft	23074538	GV244534	35587.11	29359	35000	5641	
SUMMARY OF WORK REQUIRED - FAN ROTATING							
Specific Instructions:	GVI / Non-dismantle	Workscope Level:	NA		Time Since Last Level 3:	0	
Additional requirements:	0						
SUMMARY OF WORK REQUIRED - FAN STATIONARY							
Specific Instructions:	GVI / Non-dismantle	Workscope Level:	NA		Time Since Last Level 3:	0	
Additional requirements:	0						
SUMMARY OF WORK REQUIRED - HPC							
Specific Instructions:	GVI / Non-dismantle	Workscope Level:	NA		Time Since Last Level 3:	0	
Additional requirements:	0						
SUMMARY OF WORK REQUIRED - DIFFUSER ASSEMBLY							
Specific Instructions:	GVI / Non-dismantle	Workscope Level:	NA		Time Since Last Level 3:	0	
Additional requirements:	0						
SUMMARY OF WORK REQUIRED - HPT 1ST STAGE VANE & SUPPORT ASSY							
Specific Instructions:	GVI / Non-dismantle	Workscope Level:	NA		Time Since Last Level 3:	N/A	
Additional requirements:	0						
SUMMARY OF WORK REQUIRED - HPT ROTOR/CASE & 2ND STAGE VANE ASSY							
Specific Instructions:	GVI / Non-dismantle	Workscope Level:	NA		Time Since Last Level 3:	N/A	
Additional requirements:	0						
SUMMARY OF WORK REQUIRED - LPT							
Specific Instructions:	GVI / Non-dismantle	Workscope Level:	NA		Time Since Last Level 3:	N/A	
Additional requirements:	0						
SUMMARY OF WORK REQUIRED - AGB							
Specific Instructions:	GVI / Non-dismantle	Workscope Level:	NA		Time Since Last Level 3:	N/A	
Additional requirements:	0						
SUMMARY OF WORK REQUIRED - BYPASS DUCT							
Specific Instructions:	GVI / Non-dismantle	Workscope Level:	NA		Time Since Last Level 3:	N/A	
Additional requirements:	0						
SUMMARY OF WORK REQUIRED - CONTROLS							
Specific Instructions:	GVI / Non-dismantle	Workscope Level:	NA		Time Since Last Level 3:	N/A	
Additional requirements:	0						
SUMMARY OF WORK REQUIRED - EXTERNAL HARDWARE							
Specific Instructions:	GVI / Non-dismantle	Workscope Level:	NA		Time Since Last Level 3:	N/A	
Additional requirements:	0						
Customer Responsible Charges (requested workscope)							
Engine Performance Test, EASE / FAA Cert							
Inspection Highlites/Additional Work Required							
Post Test Inspect for Center Sump Oil Leaking							
For Service Bulletins and Non Modification SB inspections that require embodying and previously accomplished, see the attacheded list.							
REV.12							