

50035

AQC
022

Card No: 50035

Card Id: 1573866

Page: 1 of 1

Job Card - Routine

Printed: 1/11/2022 8:10:40 AM

M.W.O.: 002137

W.B.C:

Operation: 50035

Customer: 4259654143 Boeing Capital Corporation

Aircraft Type: B777-200

Tail/Reg No: N509BC

Serial: 33370

BOM:

Entered: 12/03/2019

Cert. Agency: FAA

Skill: A & P

Zone: ZONE 11

System:

Work Pkg.: 002137

Customer Reference:

Due Date**Operation Description:**

ACCOMPLISH AUXILIARY POWER UNIT (APU) SERVICEABILITY TAG FAA 8130 (P-2273)

Corrective Action:

ISSUED FAA FORM 8130-3 FOR AUXILIARY POWER UNIT P/N 3800550-1 S/N P-2273.

P/N: OFF _____ S/N: OFF _____ S/N: ON _____

Supervisor: N/A INSPI ONLY	AQC 022
Date: 01 / 20 / 2022	

Mech: N/A INSPI ONLY	AQC 022
Date: 01 / 20 / 2022	

Insp: N/A	AQC 022
Date: 01 / 20 / 2022	

Customer: N/A	
Date: ___ / ___ / ___	

Partial Work Accomplished

Shift Date Mech. Insp.

CRS# A8ZR580Y

Form No.: QA-0061

Date: 01/02/17

PC
029PCA
009

1. Approving Civil Aviation Authority/Country: FAA/United States	2.	AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: AS2022-002
4. Organization Name and Address:  AerSale, Inc., 1658 South Litchfield Road, Goodyear, AZ 85338, CRS# A8ZR580Y				5. Work Order/Contract/Invoice Number: 002137 / 50035	
6. Item:	7. Description:	8. Part Number:	9. Quantity	10. Serial Number:	11. Status/Work:
1	AUXILLIARY POWER UNIT (APU)	3800550-1	1	P-2273	INSPECTED / TESTED

12. Remarks:

- REMOVED APU IN A SERVICEABLE CONDITION FROM AIRCRAFT (MSN 33370) IN ACCORDANCE WITH BOEING 777-200/300 AIRCRAFT MAINTENANCE MANUAL (AMM) CHAPTER 49-11-01, TASK 49-11-01-000-805. NO DEFECTS NOTED. TASK COMPLETED ON AERSALE WORK ORDER 002137, CARD NUMBER 50032.
- PRESERVED APU FOR (MORE THAN ONE YEAR, LESS THAN TWO YEARS) IN ACCORDANCE WITH BOEING 777-200-300 AMM CHAPTER 49-11-00, TASK 49-11-00-620-801. PRESERVATION TAG AFFIXED TO APU. TASK COMPLETED ON AERSALE WORK ORDER 002137 OPERATION 50037, DATED JANUARY 20, 2022.
- PERFORMED HEALTH AND OPERATIONAL TEST OF THE APU IN ACCORDANCE WITH BOEING 777-200/300 AMM CHAPTER 49-70-00, TASK 49-70-00-800-802. OPERATIONAL TEST GOOD. TASK COMPLETED ON AERSALE WORK ORDER 002137, CARD NUMBER 50031.
- UNLESS OTHERWISE SPECIFIED ALL WORK COMPLETED IN ACCORDANCE WITH BOEING 777-200/300 AMM DOCUMENT NUMBER D633W101-SIA REVISION 94 DATED JANUARY 05, 2022.
- APU TOTAL TIME SINCE NEW: 10,960 APU TOTAL CYCLES SINCE NEW; 7,221.
- AIRWORTHINESS DIRECTIVE (AD) STATUS. NO AD'S ACCOMPLISHED THIS MAINTENANCE VISIT. AD STATUS CURRENT TO FAA BIWEEKLY 2022-02 AND EASA BIWEEKLY 2022-01. SEE ATTACHED APU AD STATUS REPORT DATED JANUARY 19, 2022.
- LIFE LIMITED PARTS (LLP) STATUS. ALL LIFE.LIMITED PARTS ARE WITHIN THEIR STATED TIME/CYCLE LIMITS. REFERENCE ATTACHED LLP STATUS DATED JANUARY 19, 2022.
- AERSALE CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 11/12 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND IN RESPECT TO THAT WORK THE PRODUCT/ARTICLE IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA APPROVAL NUMBER EASA.145.6034.**

13a. Certifies the items identified above were manufactured in conformity to:	14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, Part 43 and in respect to that work, the items are approved for return to service.		
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.: A8ZR580Y
13d. Name (Typed or Printed):	13e. Date (m/d/y):	14d. Name (Typed or Printed): DANIEL FERWERDA	14e. Date (dd/mmm/yyyy): 20JAN2022

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

APU AD and Life Limited Parts status at removal - A/F Hours/Cycles: 61478:18 / 15609

APU Description	AUXILIARY POWER UNIT										
Part Number	3800550-1	Serial number	P2273	IIN	Z0000						
Aircraft Reg	N509BC	Position	APU	Date Removed	19-Jan-2022						
TSN / CSN (at removal)	10960 / 7221	TSLV / CSLV	3776 / 2402								

Remarks:

Item No	ATA Chapter	Position	IIN	Part Number	Part Description	Serial Number	TSO# LL(HR)	CSO# LL(CYC)	TSN	CSN	Remaining Hours	Cycles
1	49-00-00	APU	Z0000	3800550-1	AUXILIARY POWER UNIT	P2273	3776	2402	10960	7221	NA	NA
2	49-23-00		Z3311	3822611-1	IMPELLER COMPRESSOR 1ST STAGE	13-182449-08502		27000*	10960	7221		19779
3	49-23-00		Z3312	3822341-5	IMPELLER, COMPRESSOR 2ND STG	1618244923700		27000*	3776	2402		24598
4	49-23-00		Z3313	3822612-1	IMPELLER COMPRESSOR LOAD	13-182449-08188		27000*	10960	7221		19779
5	49-25-00		Z3511	3842151-3	ROTOR ASSEMBLY, 1ST STAGE	12-168522-01537		27000*	10960	7221		19779
6	49-25-00		Z3512	3842155-4	ROTOR ASSEMBLY, 2ND STAGE	12-168522-01912		27000*	10960	7221		19779
7	49-25-00		Z3513	3842160-6	ROTOR ASSEMBLY, 3RD STAGE	12-156101-09303		27000*	10960	7221		19779

*** End Of LLP Report ***

AD Listing: No Airworthiness Directives application to this APU.

Kyung H. (Ken) Suh
 Technical Asset Manager | Asset Management
 Boeing Capital Corporation



Note : # - TSO/CSO only applicable to Module and Non-Life Limited Parts.

*** - Life Calculation on Revised Life Limit ** - Life Calculation on Soft Life Limit * - Life Calculation on Hard Life Limit

APU Model: 331-500[B]

APU SN: P-2273

APU

PNEU MODE	APU OFF	BLD CORRECTED FLOW	
APUC MODE	APUC IDLE	BLD CORRECTED FLOW SET	
SPEED SENSOR 1	0.0	APU BAT DC-V	31.0
SPEED SENSOR 2	0.0	AIRL APU BAT DC-A	CHG 10
EGT CORRECTED	185	APU GEN AC-V	0
EGT THERMOCOUPLE 1	185	APU GEN FREQ	0
EGT THERMOCOUPLE 2	182	APU GEN LOAD	0.00
OIL PRESS	1		
OIL TEMP	69		
OIL QTY	5.50	-----APU FUEL FEED-----	
INLET PRESS	14.4	COMMAND	STATUS
LOAD COMP TOTAL PRESS	14.9	OPEN	OPEN
LOAD COMP DIFF PRESS	0.1	DC PUMP	-- NO PRESS
INLET TEMP	25	AC PUMP	ON PRESS
OIL SUMP TEMP	70		
SURGE CTRL VLV POS	10.6	-----STATUS CODE-----	
IGV ACTUATOR POSN	76.5	STATUS 1	0010 00-0
APU FUEL TEMP	53	STATUS 2	0100 000-
FUEL CLUSTER FMV POSN	1.4	STATUS 3	0000 0000
INLET DOOR COMMAND	OPEN		
INLET DOOR POSITION	OPEN	APU OPER HOURS	10960
		APU STARTS	7221

Aircraft Reg.: N509BC
Aircraft MSN: 33370

Printout from last operation prior to removal at K-GYR.

Kyung H. Suh
Kyung H. (Ken) Suh
Technical Asset Manager | Asset Management
Boeing Capital Corporation

DATE 18 JAN 22 UTC 17:57:23