



1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 20200007940861Y14 8009376454-80001	
4. Organization Name and Address: Honeywell International Inc. 111 S. 34th Street Phoenix, Arizona 85034		Production Approval PQ1222NM		5. Work Order/Contract/Invoice Number: 12837782 Page 1 of 1	
6. Item: 7. Description:		8. Part Number:		9. Quantity:	
001 VALVE OUTLINE, FAN AIR, 12.00 INCH		3291958-00		1	
10. Serial Number:		11. Status / Work:		NEW	
12. Remarks: AIRWORTHINESS APPROVAL. THIS PMA PART IS NOT A CRITICAL COMPONENT. PRODUCED UNDER LICENSING AGREEMENT FROM THE HOLDER OF T000631B					
13a. Certifies the items identified above were manufactured in conformity to: ☒ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.		14a. ☐ 14 CFR 43.9 Return to Service ☐ 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.		14b. Authorized Signature: 14c. Approval/Certificate No.:	
13b. Authorized Signature: 13c. Approval/Authorization No.: ODA-602216-NM		14d. Name (Typed or Printed): Steve Foulger		14e. Date (dd/mm/yyyy): 10/MAR/2020	
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. NSN : 0052 - 00 - 012 - 9005 FAA FORM 8130 - 3 (02-14)					



SWP500280-X007

ACCEPTANCE TEST DATA SHEET

ATP-3291958 Rev D

DS-3291958-00,-51,-95,-96,-97

PART 3291958-00

TECHNICIAN(S) Tim Whisnant, blake jones, kayla stollAMBIENT TEMPERATURE 75 °FUNIT SERIAL NUMBER 3291958-01061TEST DATE 02-24-2020INSTRUMENTATION ACCEPT ☒AMBIENT PRESSURE 28.6 INHG AESRELATIVE HUMIDITY 30 %

Paragraph	Test	Requirement	Actual Value (Units of measure indicated in Requirement box)	Accept (✓)
4.1 4.1.1	Examination of Product	No evidence of damage, contamination, unusual wear, or any abnormalities		✓
4.2	Proof Pressure			
4.2.2.1b	Actuator	No permanent structural deformation or deterioration		✓
4.2.2.2d	Flowbody	No permanent structural deformation or deterioration		✓
4.2.2.3d	Butterfly Plate	No permanent structural deformation or deterioration		✓
4.3	Electrical Bonding			
4.3.2a	Electrical resistance between actuator housing and inlet flange	20 milliohms Max	0.75 milliohms	
4.3.2b	Electrical resistance between actuator cover and inlet flange	20 milliohms Max	0.98 milliohms	
4.4	External Leakage			
4.4.2b	External case leakage	4.0 lb/min Max	2.59 lb/min	
4.5	Manual Override			
4.5.2b	Manual Override	The word "LOCKED" appears in the window		✓
4.5.2c	Manual Override	The word "LOCKED" appears in the window		✓
4.5.2d	Manual Override	The word "CLOSED" appears in the window		✓
4.5.2e	Manual Override	The word "OPEN" appears in the window		✓
4.6	Internal (Port) Leakage (Closed Position Flow)			
4.6.2a 1	Delta Pressure	Record Only - inH2O	AR = 120.4 inH2O	
4.6.2a 2	Inlet Pressure	10.8 to 12.8 psig	AN = 12.0 psig	
4.6.2a 3	Inlet Temperature	Record Only - °F	AP = 73.4 °F	
4.6.2a 4	Internal Port Leakage (closed position flow)	Record Only - lb/min	BB = 37.047 lb/min	
4.6.2a 5	Lab Ambient Pressure	Record Only - inHg	BC = 28.72 inHg	
4.6.2b 1	Absolute Inlet Pressure (psia): AN+(BC/2.036)	Record Only Formula - psia	BD = 26.1 psia	
4.6.2b 2	Absolute Inlet Temperature (Deg R): AP+460	Record Only Formula - °R	BE = 533 °R	



SERVICEABLE TAG

Identification	Description	VALVE-FAN AIR					
	MPN	3291958-00					
	MSN	3291958-01061					
	Batch No	16450003	G.R. Batch No	16450003			
	Quantity	1 EA	Category	ROT			
	Order No	12837782	Order Type	PO			
	Work Order		Condition	NEW-PMA			
Removed From	Customer	TTAS	LOC		A/C		
	NHA MPN		NHA SN		Pos.		
	Rem. Date		SCR Tracking No	-			
	Total flight	Hours	0	Cycles	0	Days	72
	Rem. flight	Hours		Cycles		Days	
Document Reference	Doc Type	-	ATA Chapter	-			
	Rev. No	-	Rev. Date	-			
	Incorporated AD/SB/Customer EO						
Life Status	Exp. Date	-	Bin.	RECEIVING			
	Shelf Life Exp. Date	-	Kardex	BIN NO			
Remarks/ Defect No	-						
I confirm that this part is serviceable i.e. w. approved, applicable and current maintenance documentation.							
Issued By	EROL KESGIN		Signed & Stamped			Date	
						13/04/2020	

Paragraph	Test	Requirement	Actual Value (Units of measure indicated in Requirement box)	Accept
4.6.2b 3	Pressure Drop (psi) Across Unit: AR/27.71	Record Only Formula - psi	BF = 4.35 psi	
4.6.2b 4	Pressure Ratio: 1-(BF/BD)	Record Only Formula - value	BG = 0.833 value	
4.6.2b 5	Compressibility Factor: BG*1.43-BG*1.714	Record Only Formula - value	BH = 0.039 value	
4.6.2b 6	Closed Position Effective Flow Area: (.0081*BB)/BD*(BE/BH)^0.5		BI = 1.34 in ²	
4.7	Minimum Actuation Pressure, Control Port Leakage and Hysteresis Test			
4.7.3c	Butterfly fully open	The word "OPEN" appears in the window		✓
4.7.3c	Minimum actuation pressure	Control pressure is 21 psig Max	17.3 psig	
4.7.3e	Control Port Leakage	0.075 lb/min Max	0.023 lb/min	
4.7.3h	Increasing Pressure	Record Only - psig	BJ = 11.0 psig	
4.7.3j	Control Port Pressure at 80 ±2 deg	Record Only - psig	BK = 16.2 psig	
4.7.3m	Decreasing Pressure	Record Only - psig	BL = 15.6 psig	
4.7.3m	Delta Pressure: BK-BL	2.5 psi Max	BM = 0.6 psi	
4.7.3o	Control Port Pressure at 45 ±2 deg	Record Only - psig	BN = 10.6 psig	
4.7.3o	Delta Pressure: BJ-BN	2.5 psi Max	BO = 0.4 psi	

UNIT ACCEPT (FT Stamp)

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FT

FEB 24 '20

Paragraph	Test	Requirement	Actual Value (Units of measure indicated in Requirement box)	Accept
4.8	Final Out Inspection			
4.8a	Inspect unit	No obvious physical damage or improper assembly		✓
4.8b	Unit weight (for -00, -51, -95 and -97)	30.0 lb Max	28.50 lb	
4.8b	Unit weight (for -96)	32.0 lb Max		N/A

Final-Out Requirements

FINAL-OUT ACCEPT

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FEB 25 '20