COMPONENTE | *COMPONENT*	O.S | *W.O*	MODELO | *Model*	P/N	S/N
FUEL CONTROL UNIT		DP-F2 Main Fuel Control Unit		

IDENTIFICAÇÃO | *IDENTIFICATION*

TÍTULO *TITLE* **FICHA PARA REGISTROS DE TESTE DA FUEL CONTROL UNIT** *FUEL CONTROL UNIT TEST SHEET*

PUBLICAÇÃO | *PUBLICATION*	REFERÊNCIA | *REFERENCE*	TLN	DATA | *DATE*
COMPONENT MAINTENANCE MANUAL WITH ILLUSTRATED PARTS LIST	73-20-71	TLN02391	January 2nd, 2018 Temporary Revision 73-76

CONJUNTO MAIOR | *MAIN PART*	
P/N	S/N

TESTE APLICÁVEL AOS PART NUMBERS | *TEST APPLICABLE TO PART NUMBERS*

3244883-3

TESTE DA UNIDADE DE CONTROLE DE COMBUSTÍVEL | *FUEL CONTROL UNIT TEST*

ITEM *Item*	PROCEDIMENTOS | TOLERÂNCIAS *Procedures | Serviceable limits*	Resultado *Result*	Data *Date*	Executante *Performed by*
A	Monte a FCU na bancada de teste, usando o adaptador estriado e o adaptador de montagem. *Assemble the Main Fuel Control Unit to the test stand, using spline adapter and mounting adapter, or equivalent.*			
B	Remova o plugue e instale o acessório especial de teste. Remova o plugue e instale um adaptador padrão nas portas. Instale o Quadrante de Aceleração na extremidade do eixo de aceleração e torqueie de 40-45 lb.in. *Remove plug and assemble, special testing fixture. Remove plug and install a standard adapter into ports. Assemble throttle quadrant and pointer on the end of throttle shaft and tighten to 40-45 lb.in.*			
C	Remova o contra pino, porca e espaçador do eixo de aceleração. *Remove cotter pin, nut, and spacer from throttle shaft.*			
D	Mantenha uma pressão Po dentro de ± 10 psi dos limites especificados, usando uma válvula de controle Po. Pn deve ser definido em 157 psig com o fluxo de combustível de 400 pph. Não a altere durante todo o teste. *Maintain Po pressure to within ± 10 psi of specified limits, using Po control valve. Pn to be set to 157 psig with nozzle flow of 400 pph. Do not alter for whole of test.*			
E	Ajuste o parafuso de pressão diferencial P1-P2 para uma pressão entre 26 – 42 in.Hg. Ajuste o orifício da *sleeve* da *metering valve* até a pressão diferencial P1-P2 e o fluxo de injeção estarem de acordo com os limites especificados.			

TESTE DA UNIDADE DE CONTROLE DE COMBUSTÍVEL | *FUEL CONTROL UNIT TEST*				
ITEM *Item*	**PROCEDIMENTOS | TOLERÂNCIAS** *Procedures | Serviceable limits*	**Resultado** *Result*	**Data** *Date*	**Executante** *Performed by*
	Adjust P1-P2 pressure differential adjustment screw between 26 - 42 in.Hg. Adjust metering valve sleeve assembly orifice until P1-P2 pressure differential and nozzle flow are within the limits specified.			
F	Torqueie as porcas para os valores especificados. Registre todas as pressões diferenciais de P1-P2 e fluxo de injeção e adicionalmente, a pressão de Pc-Px, Px-Py e P_2 no Ponto de Teste. *Torque nuts to values specified. Record all P1-P2 differential pressure and nozzle flows and additionally, (Pc-Px)pressure, (Px-Py) pressure and (P_2) pressure at Test Point.*			
G	Se o fluxo do injetor não estiver de acordo com os limites especificados, troque o fluxo de ar (Py). Torqueie o fluxo de ar Py no valor especificado. Registre o fluxo de ar (Py) instalado. *If the nozzle flow is not within the specified limits, change Py air flow jet. Torque air flow jet to value specified. Record (Py) air flow jet size installed.*			
H	Após ajustar o parafuso de ajuste da velocidade de marcha lenta, torqueie a porca de 20 – 25 lb.in. *After resetting idle speed adjustment screw, torque nut to 20 – 25 lb.in.*			

TESTE AETS 68471 | *AETS 68471 TEST*

TEST SPECIFICATION

NUMBER AETS-68471 | SHEET 1 OF 9 | REV E

ORIG BY G. CHAN | CHK BY W.H. FOSTER | APP BY M. TAYLOR | QA G. PASQUALINI

DATE | TEST STAND NO | OPERATOR | S/N

	A	B	C	D	E
PROD REL	25 FEB 93	22 APR 93	25 MAY 93	18 OCT 93	23 MAR 94

STATUS		1	2	3	4	5	6	7	8	9	10	11	12
SHT		E	A	A	B	D	D	B	E	B			
REV		13	14	15	16	17	18	19	20	21	22	23	24
SHT													
REV													

A. See AEEI-68403 for location of adjustments and pressure taps.

B. (1) Install throttle quadrant fixture with a 4.0 lb load applied to throttle stop lever to hold lever against maximum throttle stop.
(2) Index throttle quadrant to 90° T.A. Torque throttle quadrant fixture to 40-45 in-lb.

C. Control rotation CW as viewed from control shaft end.

D. Po pressure must meet limits where given ± 10 psi. (Po need not be set when unit is calibrated with an aircraft pump.)

E. Set Pn at 157 PSIG with nozzle flow of 400 PPH. Do not alter valve for the whole of test.

F. Set test conditions (RPM, Supply, & Pc) in the sequence indicated by number 1, 2, 3 etc.

(1) When two numbers are listed, set and then trim test condition in the sequence indicated.
(2) Approach all speeds, total fuel supplies, and Pc settings from a lower value, except at hysteresis points.

G. Speed for Test Points indicated (#) (2.02, 3.01, 3.03, 4.01, 4.02, 6.06), is to be set to ± 2 RPM of specified value. All other points are to be set within ± 20 RPM of specified value.

H. Total fuel supply is to be set to ± 20 PPH of the specified value or within limits when shown. (Po need not be set when unit is calibrated with an aircraft pump.)

TEST SPECIFICATIONS

AETS 68471 | SHEET 2 OF SHEETS 9 | REV A

TEST POINT	SPEED RPM	SUPPLY PPH	THRO DEG	COND DEG	Pc psia	NOZZLE FLOW, PPH MIN	NOZZLE FLOW, PPH REC	NOZZLE FLOW, PPH MAX	$P_1 - P_2$ "Hg	Pn psi

I. Before calibration, check for external air leakage using M73/9. Slow bubbling is permitted at the joint of drive body and flow body, at the joint of drive body and air adaptor, at the torsion shaft cover and at the bellows and torsion shaft locknuts. No leakage is permitted at any other point. Pc = 100 PSIA. If leakage is considered excessive, measure Px-Py with Pc = 100 PSIA, RPM = 0, and T/A = MAX. Px to be measured at the bellows ratio lever cover.

Px - Py = [ ] ± 1.2 in Hg. maximum

TEST SPECIFICATIONS

AETS 68471

SHEET 3 OF SHEETS 9 REV A

TEST POINT	SPEED RPM	SUPPLY PPH	THRO DEG	COND DEG	Pc psia	NOZZLE FLOW, PPH MIN	NOZZLE FLOW, PPH REC	NOZZLE FLOW, PPH MAX	$P_1 - P_2$ "Hg	Pn psi

K. All adjustment are to be properly torqued.

Test point indicated (*) require special attention and are to be checked below following proper torquing.

1.	Metering valve orifice torque	35		40 in lb.
2.	By-pass setting torque	25		35 in lb.
3.	Min M/V stop (breakaway) torque	4		20 in lb.
4.	Max. flow M/V stop torque	20		25 in lb.
5.	Max. gov. eccentric torque	7		7.5 in lb.
6.	Max. throttle stop torque	20		25 in lb.
7.	Idle speed stop torque	20		25 in lb.
8.	Flow body to drive body	20		25 in lb.
9.	Air adapter to drive body in 5 in-lb increments	25		30 in lb.
10.	Bleeds (Py, Pg)	9		11 in lb.
11	Air regulator adjust nut	20		25 in lb.
12.	Air regulator to flow body	10		15 in lb.

CHECKED _____

TEST SPECIFICATIONS

AETS-68471 | SHEET 4 OF 9 | REV B

TEST POINT	SPEED RPM	SUPPLY PPH	THRO DEG	COND DEG	Pc psia	NOZZLE FLOW, PPH MIN	NOZZLE FLOW, PPH REC	NOZZLE FLOW, PPH MAX	P_1-P_2 "Hg	Po psig

METERING VALVE ORIFICE AND BY-PASS HEAD (P1-P2) "HG) SETTING

A) Test point 1.01 thru 1.03 are interrelated and should be recorded after all three (3) adjustments have been made.

B) At T.P. 1.03, if P1-P2 is higher than 41 in Hg, remove by-pass valve cover and replace existing spacer P/N 3240905 with thicker spacer P/N 3240905-1. If P1-P2 is lower than 33 in Hg, remove and discard existing spacer.

C) Torque the by-pass valve retaining screws to 22-24 in-lb in increments of 5 in-lb and re-calibrate T.P. 1.01 to 1.03. After 20 minutes minimum, re-torque to 22-24 in-lb and re-verify T.P. 1.01 to 1.03.

	* 2	3-6	1	4					5
1.01	6800	1600	MAX	40.0	262		272		300

Adjust head and orifice, P1-P2= 26-46 in Hg. Pn ☐ PSIG

	*								
1.02	2900	720	30-32	40.0	76		79		80

Set minimum M/V stop after removing Py line.

	*								
1.03	6800	1600	MAX	90.0	588		612		175

Retrim head and re-adjust 1.01-1.02 if out of limits.

Px-Py ☐ 1.2 in Hg max. Pn ☐ PSIG

As per note (B), check appropriate box.

Original spacer ☐

Spacer removed ☐

Spacer replaced ☐

	*								
1.04	6800	1600	MAX	125.0	712		728		140

Set maximum M/V stop.

1.05	6800	1600	MAX	40.0	-10		+10		300

Hysteresis of T.P. 1.01

TEST SPECIFICATIONS

AETS 68471 | SHEET 5 OF SHEETS 9 | REV D

TEST POINT	SPEED RPM	SUPPLY PPH	THRO DEG	COND DEG	Pc psia	NOZZLE FLOW, PPH MIN	NOZZLE FLOW, PPH REC	NOZZLE FLOW, PPH MAX	$P_1 - P_2$ "Hg	Pn psi
	ENRICHMENT SPRING SETTING									
	2-7	3-6	1		4					5
2.01	6800	1600	MAX		70.0	X		X		220
	Record nozzle flow.									
# 2.02	6606	1500	MAX		70.0	-12		-16		200
	Adjust enrichment spring to obtain -12 to -16 pph less than 2.01. To verify setting, approach enrichment speed from 6,000 rpm.									
2.03	5800	1350	MAX		70.0	421		438		160
				Px bleed size		51		56		
	If not in limits, select Px bleed per parts list. (Higher no. bleed reduces flow.) If bleed has been changed, recheck test points 1.01 to 1.04, and 2.01 to 2.03.									

TEST SPECIFICATIONS

AETS 68471 | SHEET 6 OF 9 | REV D

TEST POINT	SPEED RPM	SUPPLY PPH	THRO DEG	COND DEG	Pc psia	NOZZLE FLOW, PPH MIN	NOZZLE FLOW, PPH REC	NOZZLE FLOW, PPH MAX	$P_1 - P_2$ "Hg	Pn psi
	4	3-7	1	2-6						5
#* 3.01	7047	1650		100.0	590			620		180
	Set governor break T.A. at 89-91°.									
3.02		1650	"	"			590			180
	Record speed.									
#* 3.03		1650	"	"		422		462		260
	Flow to be within limits shown. BLEED SIZE 56							66		
3.04		1650	"	"			590			180

MAX. GOVERNOR SPRING SETTING

A) Adjust eccentric shaft to meet flow limits.

B) If unable to set with eccentric, maximum T.A. may be varied within T.A. limits.

C) If unable to set with per "A" or "B", maintain eccentric on scribe line and determine amount of RPM off.

D) Split control and adjust gov. spring as required. (CW adj. of governor spring delays break, approximately 1 flat on adj. nut per 50 RPM).

E) At T.P. 3.02, adjust speed until nozzle flow is as shown. Approach from lower speed.

F) At T.P. 3.03, adjust speed until 150 RPM greater than recorded at T.P. 3.02. If nozzle flow is not in limits, select Py bleed per parts list (higher number bleed to decrease flow).

G) If bleed size change is required, re-check T.P. 3.01 and reset if necessary.

H) At T.P. 3.04 decrease speed from T.P. 3.03 until nozzle flow as shown is reached. Record speed. Speed to be less than that recorded at T.P. 3.02 by 50 RPM max.

X X Hysteresis 50 RPM max. of T.P. 3.02

TEST SPECIFICATIONS

AETS-68471

SHEET 7 OF SHEETS 9 REV B

TEST POINT	SPEED RPM	SUPPLY PPH	THRO DEG	COND DEG	Pc psia	NOZZLE FLOW, PPH MIN	NOZZLE FLOW, PPH REC	NOZZLE FLOW, PPH MAX	$P_1 - P_2$ "Hg	Po psig

IDLE SPEED STOP SETTING AND PICK-UP ANGLE

A) At T.P. 4.02, increase T.A. until 4 pph max. fuel flow from 4.01 is observed. (T.A. where flow starts to increase is pick-up angle)

B) If throttle angle is out of limits, replace governor spring.
1) Use a higher numbered spring if angle is too low.
2) Use a lower numbered spring if angle is too high.
3) Adjust spring tension to same load as set on spring removed.
4) Re-set governor break at T.P. 3.01 and re-run T.P. 3.02 to 3.04.
5) Re-set idle stop screw at T.P. 4.01.

#*	3	1-7	4	2-5				6
4.01	3300	800	28-30	30.0	110		123	90

Set idle stop screw (CW adj. to increase flow). Decrease and re-set speed after adjustment.

#*								
4.02	3300	800		30.0		Pick-up Δ 30°	34°	90
						Spring stripe		

LOW END OF ACCELERATION CURVE AND THROTTLE MOVEMENT EFFECT

At T.P. 5.02, after recording nozzle flow, move T.A. to 30°, observe nozzle flow change and record.

	2	4	3	1				5
5.01	815	200	40	LOCAL	60		X	30
5.02	2100	670	40	25.0	139		155	50

Move T.A. to 30° ____ 5 PPH maximum decrease.

TEST SPECIFICATIONS

AETS 68471 | SHEET 8 OF 9 | REV E

TEST POINT	SPEED RPM	SUPPLY PPH	THRO DEG	COND DEG	Pc psia	NOZZLE FLOW, PPH MIN	NOZZLE FLOW, PPH REC	NOZZLE FLOW, PPH MAX	$P_1 - P_2$ "Hg	Pn psi

GOVERNOR RESET CHECK

A) At T.P. 6.01 and 6.02, remove Pg bleed from control. Place calibrated 2529539-67X bleed fixture at the end of a pipe connected to the Pg port. Connect a manometer to a tee in this pipe.

B) At T.P. 6.03 to 6.05, replace Pg bleed in control. Connect a ⅛" needle valve downstream of the calibrated 2529539-67X bleed fixture referred to in "A" above. Connect the low pressure side of the manometer to a tee between the bleed fixture and the valve. The pressure at this point is designated Ps. The speed at T.P. 6.03 must be gradually increased above 7,000 RPM until required flow is obtained. Maintain this speed setting within ± 2 RPM for T.P 6.04 and 6.05. Pg-Ps at T.P. 6.04 and 6.05 is to be approached from lower Pg-Ps value only.

C) If unable to meet T.P. 6.04, replace reset spring.
1) Use shorter spring (unmarked) to decrease Pg-Ps.
2) Use longer spring (two stripes) to increase Pg-Ps.

D) At T.P. 6.06, connect pipe with needle valve and tee to Pg port. Connect manometer to tee.

E) If unable to meet T.P. 6.06, readjust T.P. 6.01. Higher value Pr-Pa increases Pg-Pa. If T.P. 6.01 has been readjusted, recheck T.P. 6.02 to 6.06 inclusive.

* 6.01	Adjust air regulator			85.0	Pr-Pa	35				37 in Hg
6.02				40.0	Pr-Pa	X				X in Hg.
	Difference from T.P. 6.01					2.5 in Hg				max.
	5	3	1	2						4
6.03	X	1680	MAX	100.0		560				200
	Needle valve closed.									
* 6.04	X	1680	MAX	100.0		536				210
					Pg-Ps	2.4				3.5 in Hg
6.05	X	1680	MAX	100.0		424				250
	Difference from T.P. 6.04				Pg-Ps	0.8				1.3 in Hg
# 6.06	4000	900	MAX	35.0	106			122		125
					Pg-Pa	6.0				9.0 in Hg

Note: Open needle valve fully. Adjust valve to meet the flow requirements of T.P. 6.06 as required (nozzle flow must be seen to increase a minimum of 1 P.P.H. during this adjustment before recording actual PPH and Pg-Pa values).

TEST SPECIFICATIONS

AETS-68471

SHEET 9 OF 9 | REV B

TEST POINT	SPEED RPM	SUPPLY PPH	THRO DEG	COND DEG	Pc psia	NOZZLE FLOW, PPH MIN	NOZZLE FLOW, PPH REC	NOZZLE FLOW, PPH MAX	$P_1 - P_2$ "Hg	Pn psi

EXTERNAL LEAKAGE CHECK

A) Cap Po at drive flange by-pass tap.
B) Remove Po line to control and install Po plug.
C) Cap outlet port.
D) Set P1 pressure to 1000 psig.
E) Observe leakage for 2-3 minutes.
F) No leakage permitted.

7.01 OK [ ] REJECT

7.02 Record shipping weight X [ ] 4.8 lbs. max

CHECKED [ ]

INSPECTED BY [ ]

ACCEPTED BY [ ]

TESTE AETS 68472 | *AETS 68472 TEST*

TEST SPECIFICATION

NUMBER AETS-68472

SHEET 1 OF 5 REV F

ORIG BY G. CHAN | CHK BY W.H. FOSTER WHF | APP BY M. TAYLOR | QA G.PASQUALINI

DATE | TEST STAND NO | OPERATOR | S/N

REV	DATE
A	25 FEB 92 PRO REL
B	22 APR 92
C	24 NOV 93
D	18 OCT 93
E	5 NOV 93
F	22 MAR 94

		1	2	3	4	5	6	7	8	9	10	11	12
STATUS	SHT												
	REV	F	D	D	F	B							
	SHT	13	14	15	16	17	18	19	20	21	22	23	24
	REV												

AUDIT SPECIFICATION

A. See AEEI-68403 for location of adjustments and pressure taps.

B. (1) Install throttle quadrant fixture with a 4.0 lb load applied to throttle stop lever to hold lever against maximum throttle stop.
(2) Index throttle quadrant to 90° T.A. Torque throttle quadrant fixture to 40-45 in-lb.

C. Control rotation CW as viewed from control shaft end.

D. Po pressure must meet limits where given ± 10 psi. (Po need not be set when unit is calibrated with an aircraft pump.)

E. Set Pn at 157 PSIG with nozzle flow of 400 PPH. Do not alter valve for the whole of test.

F. Set test conditions (RPM, Supply, & Pc) in the sequence indicated by number 1, 2, 3 etc.

(1) When two numbers are listed, set and then trim test condition in the sequence indicated.
(2) Approach all speeds, total fuel supplies, and Pc settings from a lower value, except at hysteresis points.

G. Speed for Test Points indicated (#) (2.02, 3.01, 3.03, 4.01, 4.02, 6.04), is to be set to ± 2 RPM of specified value. All other points are to be set within ± 20 RPM of specified value.

H. Total fuel supply is to be set to ± 20 PPH of the specified value or within limits when shown. (Po need not be set when unit is calibrated with an aircraft pump.)

TEST SPECIFICATIONS

AETS 684/2 | SHEET 2 OF 5 | REV D

TEST POINT	SPEED RPM	SUPPLY PPH	THRO DEG	COND DEG	Pc psia	NOZZLE FLOW, PPH MIN	NOZZLE FLOW, PPH REC	NOZZLE FLOW, PPH MAX	P_1-P_2 "Hg	Pn psi
METERING VALVE ORIFICE AND BY-PASS HEAD (P1-P2) "HG) SETTING										
	2	3-6	1		4					5
1.01	6800	1600	MAX		40.0	260		274		300
	P1-P2= 26-46 in Hg. Pn					PSIG				
1.02	2900	720	30-32		40.0	75		80		80
	Remove Py line.									
1.03	6800	1600	MAX		90.0	585		615		175
	Px-Py		1.2 in Hg max.				Pn		PSIG	
1.04	6800	1600	MAX		125.0	710		730		140
1.05	6800	1600	MAX		40.0	-10		+10		300
	Hysteresis of T.P. 1.01									
ENRICHMENT SPRING SETTING										
	2-7	3-6	1		4					5
2.01	6800	1600	MAX		70.0	X		X		220
# 2.02	6606	1500	MAX		70.0	-10		-18		200
	Approach enrichment speed from 6,000 rpm, fuel flow is to be -10 to -18 pph less than 2.01.									
2.03	5800	1350	MAX		70.0	419		440		160

TEST SPECIFICATIONS

AETS 68472 — SHEET 3 OF 5 — REV D

TEST POINT	SPEED RPM	SUPPLY PPH	THRO DEG	COND DEG	Pc psia	NOZZLE FLOW, PPH MIN	NOZZLE FLOW, PPH REC	NOZZLE FLOW, PPH MAX	$P_1 - P_2$ "Hg	Pn psi
							MAX. GOVERNOR SPRING SETTING			
	4	3-7	1		2-6					5
# 3.01	7047	1650	MAX		100.0	585	[ ]	625		180
3.02	[ ]	1650	"		"		590			180
	Record speed.									
# 3.03	[ ]	1650	"		"	417	[ ]	467		260
	Increase speed 150 RPM above that recorded at T.P. 3.02. Flow to be within limits as shown.									
3.04	[ ]	1650	"		"		590			180
	X [ ] X Hysteresis 50 RPM max. of T.P. 3.02									
	IDLE SPEED STOP SETTING AND PICK-UP ANGLE									
	A) At T.P. 4.02, increase T.A. until 4 pph max. fuel flow from 4.01 is observed.									
#	3	1-7	4		2-5					6
4.01	3300	800	28-30		30.0	106	[ ]	127		90
# 4.02	3300	800			30.0					90
							Pick-up Δ 30°	[ ]	34°	
	LOW END OF ACCELERATION CURVE AND THROTTLE MOVEMENT EFFECT									
	At T.P. 5.02, after recording nozzle flow, move T.A. to 30°, observe nozzle flow change and record.									
	2	4	3		1					5
5.01	815	200	40		LOCAL	60	[ ]	X		30
5.02	2100	670	40		25.0	136	[ ]	158		50
	Move T.A. to 30° [ ] 5 PPH maximum decrease.									

TEST SPECIFICATIONS

AETS 68472

SHEET 4 OF SHEETS 5 REV F

TEST POINT	SPEED RPM	SUPPLY PPH	THRO DEG	COND DEG	Pc psia	NOZZLE FLOW, PPH MIN	NOZZLE FLOW, PPH REC	NOZZLE FLOW, PPH MAX	$P_1 - P_2$ "Hg	Pn psi
	5	3	1	2						4
6.01	X	1680	MAX	100.0			560			200
	Needle valve closed.									
6.02	X	1680	MAX	100.0			536			210
					Pg-Ps 2.3				3.6 in Hg	
6.03	X	1680	MAX	100.0			424			250
	Difference from T.P. 6.02				Pg-Ps 0.7				1.4 in Hg	
# 6.04	4000	900	MAX	35.0	106		122			125
					Pg-Pa 5.8				9.2 in Hg	

GOVERNOR RESET CHECK

A) At T.P. 6.01 to 6.03, place calibrated 2529539-67X bleed fixture at the end of a pipe connected to Pg port. Connect the high pressure side of the manometer to a tee in this pipe. Connect a ¼" needle valve downstream of the bleed fixture. Connect the low pressure side of the manometer to a tee between the bleed fixture and the valve. The pressure at this point is designated Ps. The speed at T.P. 6.01 must be gradually increased above 7,000 RPM until required flow is obtained. Maintain this speed setting within ± 2 RPM for T.P 6.02 and 6.03. Pg-Ps at T.P. 6.02 and 6.03 is to be approached from lower Pg-Ps value only.

B) At T.P. 6.04, connect pipe with needle valve and tee to Pg port. Connect manometer to tee.

Note: Open needle valve fully. Adjust valve to meet the flow requirements of T.P. 6.04 as required. (nozzle flow must be seen to increase a minimum of 1 P.P.H. during this adjustment before recording actual PPH and Pg-Pa values).

TEST SPECIFICATIONS

AETS-68472

SHEET 5 OF 5 | REV B

TEST POINT	SPEED RPM	SUPPLY PPH	THRO DEG	COND DEG	Pc psia	NOZZLE FLOW, PPH MIN	NOZZLE FLOW, PPH REC	NOZZLE FLOW, PPH MAX	$P_1 - P_2$ "Hg	Po psig

EXTERNAL LEAKAGE CHECK

A) Cap Po at drive flange by-pass tap.
B) Remove Po line to control and install Po plug.
C) Cap outlet port.
D) Set P1 pressure to 1000 psig.
E) Observe leakage for 2-3 minutes.
F) No leakage permitted.

7.01 OK [ ] REJECT

7.02 Record shipping weight X [ ] 4.8 lbs max.

CHECKED [ ]

INSPECTED BY [ ]

ACCEPTED BY [ ]

Observações *Remarks*	

Aprovação *Approval*	**Nome** *Name*	**Data** *Date*	**Assinatura** *Signature*

DATA *(DATE)*	***MOTIVO DA REVISÃO*** *(REVISION REASON)*	***NOME*** *(Name)*
Aug 3rd, 2022	Original	Jean Andrade
MM/DD/AAAA		
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