COMPONENTE | *Component*	O.S | *W.O*	MODELO | *Model*	PN	SN
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	73-20-23	TLN02408	Dec. 01,2021 Revision 06

CONJUNTO MAIOR | *MAIN PART*	
PN	SN

Teste Aplicável aos Part Numbers | *Test Applicable to Part Numbers*	
3244746-9	3244746-10

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	Instale a MFCU na bancada de teste usando o adaptador estriado e adaptador de montagem, ou equivalente. *Assemble the MFCU to the test stand, using spline adapter and mounting adapter, or equivalent.*			
B	Mantenha uma pressão Po de 10 a 30 psig dos limites especificados, usando uma válvula de controle Po. *Maintain Po pressure of 10 to 30 psig of specified limits, using Po control valve.*			
C	Mantenha uma pressão P2 dentro de ± 10 psi do valor especificado nos injetores abaixo de 300 pph e dentro de ± 25 psi dos fluxos mais altos, usando um regulador de pressão Pn. *Maintain the (P2) pressure within ± 10 psi of the value specified at nozzle flows below 300 pph and within ± 25 psi at higher flows, using (Pn) back pressure regulator valve.*			
D	Ajuste a pressão diferencial P1-P2 para 26-42 in.Hg. Ajuste o orifício da válvula de medição usando a chave de regulagem até a pressão diferencial e o fluxo de injeção estiverem dentro dos limites especificados. *Adjust P1-P2 pressure differential to 26 to 42 in.Hg. Adjust metering valve orifice using metering valve orifice adjustment wrench, until pressure differential and nozzle flow are within specified limits.*			
E	Defina os parâmetros conforme ponto de teste e com a cover removida, ajuste a porca até o fluxo de injeção ler de 13-17 pph. *Set parameters at test point and with cover removed, adjust nut, until nozzle flow reads 13 to 17 pph.*			
F	Defina a pressão de combustível P1 em 1000 psig e observe se há vazamentos durante 2 a 3 minutos. Não é permitido nenhum tipo de vazamento. *Set P1 fuel pressure at 1000 psig and observe leakage for 2 to 3 minutes. No leakage permitted.*			

TESTE AETS 48037 | *AETS 48037 TEST*

TEST SPECIFICATION

Number AETS 48037 | Rev. E

Sheet 1 of 7

Orig By: W.H.F.	Chk By: [illegible]	Project Leader: W.H. Forbes	MFG Approval:
Date:	Test Stand No.:	Operator:	S/N:
Unit:		Model: DP-F2/A-25	P/N: 3244746

REL. DATE	REV.
RECORD OF PREVIOUS REV. OMITTED	E
13AUG97	E

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

A. See AEEI 15849 for location of adjustments and pressure taps.

B. Connect TS-E2 Slave Sensor to control. Mechanically position sensor needle to dial indicator readings as designated on sensor for +105°, +59° and -50° temp. stations. A fixture conforming to the requirements of AEEI 48418 may be used as an alternative.

C. (1) Install throttle quadrant fixture with a 4.0 lb. load applied to throttle stop lever to hold lever against max. throttle stop.

(2) Index throttle quadrant to 90° T.A. Torque throttle quadrant fixture to 40-45" lbs.

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

E. Maintain Po pressure of 10 to 30 PSIG at control by-pass tap.

F. P2 must conform to AEEI 15849 Fig. 2 at all nozzle flow test points, except where Pn limit is required.

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

a) When two numbers are listed, set and then trim test condition in the sequence indicated.

b) Approach all speeds, total fuel supplies, and Pc settings from a lower value, except at hysteresis points.

H. All adjustments are to be properly torqued.
Test points indicated (*) require special attention and are to be checked below following proper torquing.

1.	Metering valve orifice torque	35		40 in. lbs.
2.	By-pass setting torque	25		35 in. lbs.
3.	Min. flow M.V. stop torque	25		30 in. lbs.
4.	Max. flow M.V. stop torque	20		25 in. lbs.
5.	Max. gov. eccentric torque	7		7.5 in. lbs.
6.	Max. throttle, stop torque	20		25 in. lbs.

	TEST SPECIFICATION	AETS 48037	
		SHEET 2 OF SHEETS 7	REV. E

TEST POINT	SPEED RPM	SUPPLY PPH	THRO DEG.	TEMP °F	Pc psia	NOZZLE FLOW, PPH MIN	NOZZLE FLOW, PPH REC	NOZZLE FLOW, PPH MAX	P1 - P2 "Hg	P_2 psi

7.	Idle speed stop torque	20	[ ]	25 in. lbs.
8.	Flow body to drive body	20	[ ]	25 in. lbs.
9.	Drive body adapter to drive body	25	[ ]	30 in. lbs. in 5 in. lbs. increments
10.	Bleeds	9	[ ]	11 in. lbs.
11.	Max. override stop nut	20	[ ]	25 in. lbs.

I. Speed for Test Points indicated (#) (3.02, 5.01, 5.02, 6.01, 6.02, 8.01), is to be set to ± 2 RPM of specified value. All other points are to be set within ± 20 RPM of specified value.

J. Total supply is to be set to ± 20 PPH of the specified value or within limits when shown.

K. 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 drive body adapter, 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 when Pc = 100 psia., RMP = 0 and T/A = Max Px to be measured at the bellows ratio lever cover.

Px - Py [ ] ± 1.2" Hg. max.

L. After By-pass valve adjustment has been completed and the detent cup has been locked in position check specific gravity adjustment at min. M/V setting.

1) Rotate the cup 3 clicks cw from original position - nozzle flow must increase at each click.

2) Rotate the cup 3 clicks ccw from original position - nozzle flow must decrease at each click.

3) Return the detent cup to the original position and recheck M/V settings.

M. Maintain manual override fully c.c.w. except where otherwise indicated.

Checked _____

TEST SPECIFICATION

AETS 48037

SHEET 3 OF SHEETS 7 — REV. E

TEST POINT	SPEED RPM	SUPPLY PPH	THRO DEG.	TEMP °F	Pc psia	NOZZLE FLOW, PPH MIN	NOZZLE FLOW, PPH REC	NOZZLE FLOW, PPH MAX	P1 - P2 "Hg	P_2 psi

CHECK RELIEF VALVE OPENING

(a) Cap outlet port.

(b) Increase P1 pressure until fuel supply is within supply limits specified and observe P1-Po differential.

(c) If P1-Po differential is out of limits, shim as required.

(1) Add shims to increase differential.

	1	5	2	3	4
1.01	0	200-275	MAX	+105	85.0

Relief valve opening P1-Po 950 [ ] 1000 PSI

CHECK PRESSURIZING VALVE OPENING

(a) Outlet line connected to control

(b) Increase P1 pressure until required fuel supply is obtained, and observe P1-Po differential.

(c) If P1-Po differential is out of limits, shim as required.

(1) Add shims to increase differential.

	1	5	2	3	4
1.02	0	100	MAX	+105	85.0

Press. valve opening P1-Po 55 [ ] 68 PSI

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

Test points 2.01 thru 2.03 are interrelated and should be recorded after all three (3) adjustments have been made.

	3	4-6	1	2	5				
2.01*	5800	1350	MAX	+105	40.0	194	[ ]	202	[ ]

Adjust head & orifice P1-P2 26-42"HG.

P2 170 [ ] 190 PSIG

2.02*	2900	720	30-32	+105	40.0	78	[ ]	82	[ ]

Pn 75 - 90 psig. Set Min. M.V. stop after removing Py line.

2.03*	5800	1350	MAX	+105	70.0	348	[ ]	355	[ ]

Retrim head & readjust 2.01 & 2.02 if out of limits.

P2 555 [ ] 605 PSIG Pc-Px [ ] 1.0"HG.Max.

TEST SPECIFICATION

AETS 48037 | SHEET 4 OF 7 SHEETS | REV. E

TEST POINT	SPEED RPM	SUPPLY PPH	THRO DEG.	TEMP °F	Pc psia	NOZZLE FLOW, PPH MIN	NOZZLE FLOW, PPH REC	NOZZLE FLOW, PPH MAX	P1 - P2 "Hg	P_2 psi	
2.04*	5800	1350	MAX	+105	95.0	345		355			Set Max. M.V. stop
2.05	5800	1350	MAX	+105	40.0	-10		+10			Hysteresis of Pt. 2.01.
ENRICHMENT SPRING SETTING											
	3-7	4-6	1	2	5						
3.01	5800	1350	MAX	-50	55.0	X		X			Record Nozzle Flow.
3.02#	5100	1170	MAX	-50	55.0	-13		-17			
	Set speed enr. -13 -17 PPH less than 3.01. Increasing spring tension (CW on Adj. nut). Increases difference (Decrease & reset speed after Adj.).										
	3	4-6	1	2	5						
4.01	5800	1350	MAX	-50	40.0	190		200			
4.02	4000	1000	MAX	-50	40.0	164		175			
							Pc-Px	8.5		11.5"HG	
4.03	4000	1000	MAX	+105	40.0	183		195			
							Pc-Px			"HG	
							Px-Py	0		1.0 "HG	
4.04	4000	1000	MAX	+59	40.0	179		189			
							Pc-Px			"HG	

MAX. GOVERNOR SPRING SETTING

(a) Adjust eccentric shaft to meet flow limits.
(b) If unable to set with eccentric, max. T.A. may be varied within T.A. limits.
(c) If unable to set with eccentric or max. T.A., maintain eccentric on scribe line and determine amount of RPM off.
(d) Split control and adjust gov. spring as required. (CW adj. of gov. spring delays break - approximately 1 flat on adj. nut per 50 RPM).
(e) If. Gov. slope is not in limits, select Py bleed. P/N 2525107 #58 [ ] #66 (Higher number bleed to increase difference in flow).

	TEST SPECIFICATION	AETS 48037 SHEET 5 OF 7	REV. E

TEST POINT	SPEED RPM	SUPPLY PPH	THRO DEG.	TEMP °F	Pc psia	NOZZLE FLOW, PPH MIN	NOZZLE FLOW, PPH REC	NOZZLE FLOW, PPH MAX	P1 - P2 "Hg	P_2 psi
	5	4-7	1	2	3-6					
5.01#*	6350	1440		+59	75.0	295		305		
						Set Gov. Break T.A. at 89-91.				
5.02#	6500	1530		+59	75.0	92		110		
						Diff. from Pt. 5.01 (Gov. Slope).				
5.03		1440		+59	75.0	X		X		
				Hysteresis - 50				+0 RPM of Pt. 5.01		

IDLE SPEED STOP SETTING AND PICK-UP ANGLE

(a) At test point 6.02 increase T.A. until 4 PPH max. fuel flow from 6.01 is observed. (T.A. where flow starts to increase is pick-up angle).

(b) If throt. cam pick-up angle is out of limits, replace gov. spring.
- (1) Use stronger spring (3 stripes) if pick-up angle exceeds 56° diff. from Pt. 5.01.
- (2) Use weaker spring (one stripe) if pick-up angle is less than 52° diff. from Pt. 5.01.
- (3) Adjust spring tension to same load as set on spring removed.
- (4) Re-set gov. break at test point 5.01 and rerun test pts. 5.02 and 5.03.
- (5) Re-set idle stop screw at test point 6.01.

	4	1-7	5	2	3-6				
6.01*#	3200	800	30-32	+59	30.0	104		112	Pn 95 - 105 psig
					Set idle stop screw (CW adj. incr. flow) Dec. & reset speed after adj.				
6.02#	3200	800		+59	30.0				Pn 95 - 105 psig
					Throt. cam pick-up angle Diff.	52°		56° of T.Pt. 5.01	

LOW END OF ACCEL. CURVE AND THROTTLE MOVEMENT EFFECT

	3	5	4	2	1				
7.01	815	200	40	+59	Local	60		X	Pn 75 - * psig
7.02	2100	670	40	+59	25.0	108		118	Pn 100 - 110 psig
							Move T.A. to 30°		5 PPH max. dec.

	TEST SPECIFICATION	AETS 48037 SHEET 6 OF SHEETS 7	REV. E

TEST POINT	SPEED RPM	SUPPLY PPH	THRO DEG.	TEMP °F	P_{t_2} psia	NOZZLE FLOW, PPH MIN	NOZZLE FLOW, PPH REC	NOZZLE FLOW, PPH MAX	P1 - P2 "Hg	P_2 psi

(a) After recording nozzle flow at test point 7.02 move throt. to 30 T.A.

(1) Observe nozzle flow change and record.

MAX. IDLE RESET STOP ADJ.

(a) Install interlink tool as per AEEI 15849 Fig. 3 and adjust max. idle reset stop to meet flow limits.

	1	4-6	5	2	3-7			
8.01#	5000	1170		+59	55.0	188		197
				Set Max. idle reset stop. Record T.A.				

MANUAL OVERRIDE

At test point 9.01 set max. manual override flow. Rotate override lever C.W. and maintain in contact with max. flow adjusting screw. Rotate adjusting screw C.C.W. to increase flow.

	1	5	2	3	4			
9.01	5000	1170	32	+59	AMB	295		305
9.02	Record manual override total angular travel					72°		82°

CUT-OFF MODULATION AND CUT-OFF LEAKAGE

A. At test point 10.01 set test conditions with 20° T.A.

(a) Move thro. to 30° T.A. and observe nozzle flow change.
(b) If nozzle flow change is excessive -
(1) Reset thro. to 20° T.A.
(2) Back off override adj. nut on cut-off link.
(3) Adjust cut-off link longer to meet max. flow change limit.

	3	4-6	1	2	5				
10.01	2000	500	20	+105	A.R.	160		170	
					Nozzle Flow Change			4 PPH MAX.	

B. At test point 10.02 check cut-off leakage.

(a) Remove nozzle outlet line from control.
(b) Set total supply with throttle in cut-off position. (Highest T.A. position where no leakage is observed at outlet fitting).
(c) Increase T.A. to permit flow out the outlet fitting.
(d) Decrease T.A. as required until no leakage is observed at outlet fitting (Observe T.A.).
(e) If T.A. is out of limits, shim cut-off valve seat.
(1) Remove shims under C.O. valve seat to increase T.A. (.002" thickness shim changes T.A. approximately 2°).

	TEST SPECIFICATION	AETS 48037
		SHEET 7 OF SHEETS 7
		REV. E

TEST POINT	SPEED RPM	SUPPLY PPH	THRO DEG.	TEMP °F	Pc psia	NOZZLE FLOW, PPH MIN	NOZZLE FLOW, PPH REC	NOZZLE FLOW, PPH MAX	P1 - P2 "Hg	P_2 psi

(f) Same Pc as established for T.P. 10.01.

10.02	2000	500	8-10	+105						

0 [ ] 0.5 cc/MIN. [ ] Cut-off leakage P1 pressure [ ] 250 PSIG MAX.

C. At test point 10.03 (-5° T.A.).

(a) Observe P1 pressure.
(b) Adjust override nut for .005" to .010" clearance between nut and bushing.
(c) Adjust upper lever (idle reset lever) stop to just contact lever.
(d) At 0° T.A. lower C.O. lever to be within ± 5° of horizontal.

10.03	2000	500	-5	+105	A.R.					
					Pc same as in T.P. 10.01					
					P1 same or less than T.P. 10.02				P1 [ ]	PSIG
10.04	2000	500	0-MAX-0		LOCAL	Remove interlink tool				
									Thro. Torque [ ]	15" LBS. MAX.

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.

OK [ ] REJ.

TESTE AETS 48038 | *AETS 48038 TEST*

	TEST SPECIFICATION	Number AETS 48038	Rev. F
		Sheet 1 of 5	
Orig By: J.H.F.	Chk By: M. Sheen	Project Leader: J.H.Fitz	MFG Approval:
Date:	Test Stand No.:	Operator:	S/N:
Unit:	Model: DP-F2/A-25		P/N: 3244746

REL DATE	REV
Released for Initial Issue	F

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

AUDIT SPECIFICATION

A. See AEEI 15849 for location of adjustments and pressure taps.

B. Connect TS-E2 Slave Sensor to control. Mechanical position sensor needle to dial indicator readings as designated on sensor for +105°, +59° and -50° temp. stations. A fixture conforming to the requirements of AEEI 48418 may be used as an alternative.

C. (1) Install throttle quadrant fixture with a 4.0 lb. load applied to throttle stop lever to hold lever against max. throttle stop.

(2) Index throttle quadrant to 90° T.A. Torque throttle quadrant fixture to 40-45" lbs.

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

E. Maintain Po pressure of 10 to 30 PSIG at control by-pass tap.

F. P2 must conform to AEEI 15849 Fig. 2 at all nozzle flow test points, except where Pn limit is required.

G. Set test conditions (temp., supply and Pc) in the sequence indicated by number 1, 2, 3, etc.

a) When two numbers are listed, set and then trim test condition in the sequence indicated.

b) Approach all speeds, total fuel supplies, and Pc settings from a lower value, except at hysteresis points.

H. Speed for test points 3.02, 5.01, 5.02, 6.01, 6.02, and 8.01 is to be set to ± 2 RPM of specified value. All other points are to be set within ± 20 RPM of specified value.

I. Total supply is to be set to ± 20 PPH of the specified value or within limits when shown.

J. Maintain manual override fully C.C.W. except where otherwise indicated.

	TEST SPECIFICATION	AETS 48038	
		SHEET 2 OF SHEETS 5	REV. F

TEST POINT	SPEED RPM	SUPPLY PPH	THRO DEG.	TEMP °F	Pc psia	NOZZLE FLOW, PPH MIN	NOZZLE FLOW, PPH REC	NOZZLE FLOW, PPH MAX	P1 - P2 "Hg	P_2 psi

CHECK RELIEF VALVE OPENING

(a) Cap outlet port.

(b) Increase P1 pressure until fuel supply is within supply limits specified and observe P1-Po differential.

	1	5	2	3	4					
1.01	0	200-275	MAX	+105	85.0					
					Relief valve opening	P1-Po	950		1000 PSI	

CHECK PRESSURIZING VALVE OPENING

(a) Outlet line connected to control

(b) Increase P1 pressure until required fuel supply is obtained, and observe P1-Po differential.

	1	5	2	3	4					
1.02	0	100	MAX	+105	85.0					
					Press. valve opening	P1-Po	52		70 PSI	

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

	3	4-6	1	2	5				
2.01	5800	1350	MAX	+105	40.0	192		204	
						P2	170		190 PSIG
2.02	2900	720	30-32	+105	40.0	78		83	
						Pn 75 - 90 psig. Remove Py line.			
2.03	5800	1350	MAX	+105	60.0	296		308	
						Pc-Px		1.0"HG Max.	P2 375	425 PSIG
2.04	5800	1350	MAX	+105	95.0	339		361	
2.05	5800	1350	MAX	+105	40.0	-10		+10	
								Hysteresis of Pt. 2.01.	

ENRICHMENT SPRING SETTING

	3-7	4-6	1	2	5				
3.01	5800	1350	MAX	-50	55.0	X		X	Record Nozzle Flow.

TEST SPECIFICATION

AETS 48038

SHEET 3 OF SHEETS 5 — REV. F

TEST POINT	SPEED RPM	SUPPLY PPH	THRO DEG.	TEMP °F	Pc psia	NOZZLE FLOW, PPH MIN	NOZZLE FLOW, PPH REC	NOZZLE FLOW, PPH MAX	P1 - P2 "Hg	P_2 psi
3.02	5100	1170	MAX	-50	55.0	-9		-21		
	3	4-6	1	2	5					
4.02	4000	1000	MAX	-50	40.0	160		178		
						Pc-Px	8.5		11.5"HG	

MAX. GOVERNOR SPRING SETTING

	5	4-7	1	2	3-6					
5.01	6350	1440		+59	75.0	270		330		
5.02	6500	1530		+59	75.0	87		115		
				Diff. from Pt. 5.01 (Gov. Slope)						
5.03		1440		+59	75.0	X		X		
				Hysteresis - 50				+0 RPM Hyst. of Pt. 5.01		

IDLE SPEED STOP SETTING AND PICK-UP ANGLE

(a) At test point 6.02 Increase T.A. until 4 PPH max. fuel flow from 6.01 is observed. (T.A. where flow starts to increase is pick-up angle).

	4	1-7	5	2	3-6				
6.01	3200	800	30-32	+59	30.0	103		113	Pn 95 - 105 psig
6.02	3200	800		+59	30.0				Pn 95 - 105 psig
				Throt cam pick-up angle. Diff. of T.P. 5.01			52		56°

LOW END OF ACCEL CURVE AND THROTTLE MOVEMENT EFFECT

	3	5	4	2	1				
7.01	815	200	40	+59	Local	60		X	Pn 75 - * psig
7.02	2100	670	40	+59	25.0	106		120	Pn 100 - 110 psig.
						Move T.A. to 30°			5 PPH max. dec

(a) After recording nozzle flow at test point 7.02 move throt. to 30° T.A.

(1) Observe nozzle flow change and record.

	TEST SPECIFICATION	AETS 48038
		SHEET 4 OF SHEETS 5 / REV. F

TEST POINT	SPEED RPM	SUPPLY PPH	THRO DEG.	TEMP °F	Pc psia	NOZZLE FLOW, PPH MIN	NOZZLE FLOW, PPH REC	NOZZLE FLOW, PPH MAX	P1 - P2 "Hg	P_2 psi

MAX. IDLE RESET STOP ADJ.

(a) Install interlink tool as per AEEI 15849 Fig. 3.

	1	4-6	5	2	3-7				
8.01	5000	1170	X	+59	55.0	188	[ ]	197	

Record T.A. [ ]

MANUAL OVERRIDE

At test point 9.01 rotate override lever C.W. and maintain in contact with lever stop.

9.01	5000	1170	32	+59	AMB	289	[ ]	311	
9.02	Record manual override total angular travel						72°	[ ]	82°
	3	4-6	1	2	5				

CUT-OFF MODULATION AND CUT-OFF LEAKAGE

A. At test point 10.01 set test conditions with 20° T.A.

(a) Move thro. to 30° T.A. and observe nozzle flow change.

10.01	2000	500	20	+105	A.R.	160	[ ]	170

Nozzle Flow Change [ ] 4 PPH MAX.

B. At test point 10.02 check cut-off leakage.

(a) Remove nozzle outlet line from control.
(b) Set total supply with throttle in cut-off position. (Highest T.A. position where no leakage is observed at outlet fitting).
(c) Increase T.A. to permit flow out the outlet fitting.
(d) Decrease T.A. as required until no leakage is observed at outlet fitting (Observe T.A.).
(e) Same Pc as established for T.P. 10.01.

10.02	2000	500	8-10	+105

0 [ ] 0.5 cc/MIN. [ ] Cut-off leakage P1 pressure [ ] 250 PSIG MAX.

C. At test point 10.03 (-5° T.A.).

(a) Observe P1 pressure.
(b) Upper lever (idle reset lever) stop to just contact lever.
(c) At 0° T.A. lower C.O. lever to be within ± 5° of horizontal.
(d) Pc same at T.P. 10.01.

	TEST SPECIFICATION	AETS 48038 SHEET 5 OF 5 SHEETS	REV. F

TEST POINT	SPEED RPM	SUPPLY PPH	THRO DEG.	TEMP °F	Pc psia	NOZZLE FLOW, PPH MIN	NOZZLE FLOW, PPH REC	NOZZLE FLOW, PPH MAX	P1 - P2 "Hg	P_2 psi
10.03	2000	500	-5	+105	A.R.	P1 pressure equal to or less than T.P. 10.02.				
10.04	2000	0	0-MAX-0	+105	LOCAL	Remove interlink tool				

Thro. Torque [ ] 15" LBS. MAX.

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.

OK [ ] REJ.

Observações *Remarks*	

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