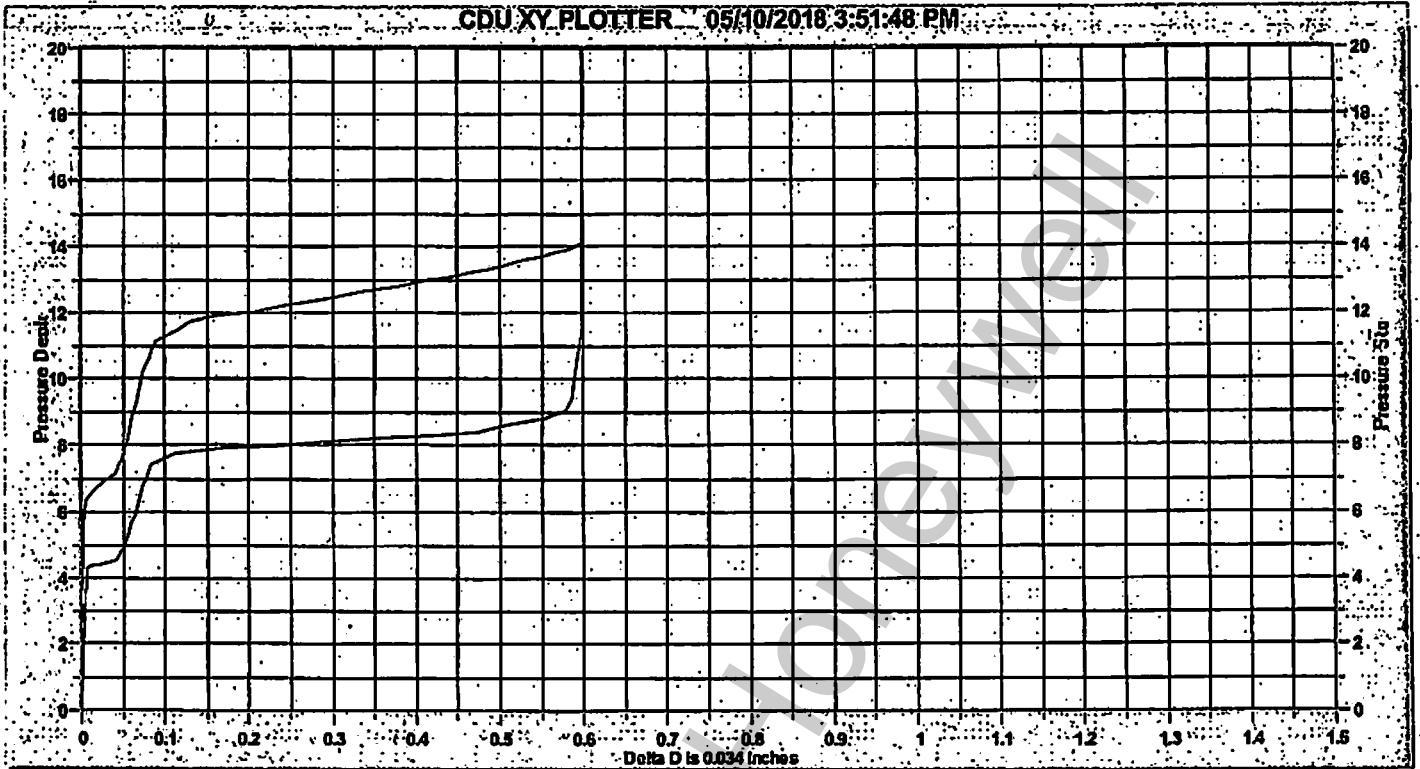
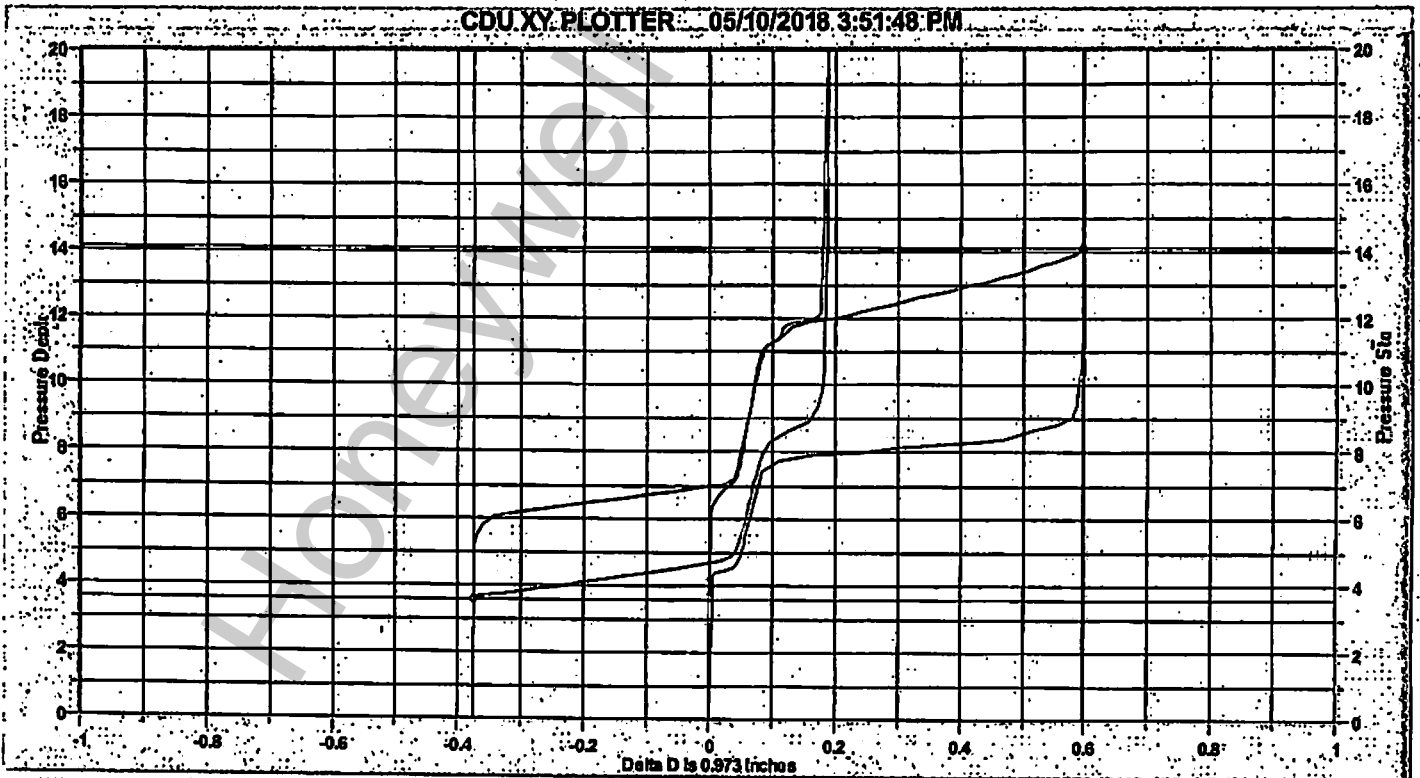


CDU Stow Run



CDU Deploy Run



Honeywell

COMPONENT MAINTENANCE MANUAL 126784

TEST	REQUIREMENTS	ACTUAL VALUE	ACCEPT (✓)
Operational test (cont)			
Manual brake release torque check	With 0 PSIG (0 kPa) dcv actuator pressure and the manual brake release activated the deploy drag torque is 5 LB-IN. (0.6 NM)	<u>1</u> LB-IN. (NM)	
	With 0 PSIG (0 kPa) dcv actuator pressure and the manual brake release activated the stow drag torque is 4 LB-IN. (0.5 NM)	<u>1</u> LB-IN. (NM)	
Stow command brake torque check	With 0 PSIG (0 kPa) dcv actuator pressure the midstroke running torque is 4 LB-IN. (0.5 NM) max. from any midstroke position in the stow direction of travel.	<u>1</u> LB-IN. (NM)	
Deploy snub brake torque check	With 28 to 32 PSIG (193 to 221 kPa) dcv actuator pressure in running torque is 10 LB-IN. (1.13 NM) max. From two revolutions back of the deploy position stop in the deploy direction of travel.	<u>1</u> LB-IN. (NM)	
Actuator efficiency and proof load check	The actuator must overcome 1870 to 1930 LB (848.2 to 875.4 KG) load in the deploy direction and the Inlet air motor pressure is 32 PSIG (221 kPa) max. From the fully deployed position to a min. Of 1.5 IN. (38.1 MM) of the fully stowed position.	<u>28.2</u> LB-IN. (NM)	
	The actuator must overcome 770 to 830 LB (349.3 to 376.5 KG) load in the stow direction and the Inlet air motor pressure is 16 PSIG (110 kPa) max. From the fully stowed position 2.0 To 2.5 IN. (50.8 to 63.5 MM) of the deploy position.	<u>12.1</u> LB-IN. (NM)	
UNIT ACCEPTED: FT 579 <u>MAY 10 2018</u>			
TEST TECHNICIAN: <u>Henry Cabron</u>			
QUALITY ASSURANCE: _____			

ID-321245

Figure 1015. (Sheet 5 of 5) Test Data Sheet (GRAPHIC 78-32-23-99B-819-A01)

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TEST	REQUIREMENTS	ACTUAL VALUE	ACCEPT (✓)
Operational test (cont)			
Stow anub position brake torque check			
Brake torque is 25 to 100 LB-IN. (2.8 to 11.3 NM) with 0 PSIG (0 kPa) dcv actuator pressure.	Record the average of three readings breakaway torque	<u>50</u> LB-IN. (NM)	
	Record the lowest of three reading breakaway torque	<u>50</u> LB-IN. (NM)	
	Record the lowest of three readings running torque	<u>50</u> LB-IN. (NM)	
Brake torque is 25 to 100 LB-IN. (2.8 to 11.3 NM) with 6.0 To 7.0 PSIG (41 to 48 kPa) dcv actuator pressure.	Record the average of three readings breakaway torque	<u>50</u> LB-IN. (NM)	
	Record the lowest of three reading breakaway torque	<u>50</u> LB-IN. (NM)	
	Record the lowest of three readings running torque	<u>50</u> LB-IN. (NM)	
Brake torque is 25 to 100 LB-IN. (2.8 to 11.3 NM) with final value of 0 PSIG (0 kPa) dcv actuator pressure.	Record the average of three readings breakaway torque	<u>50</u> LB-IN. (NM)	
	Record the lowest of three reading breakaway torque	<u>50</u> LB-IN. (NM)	
	Record the lowest of three readings running torque	<u>50</u> LB-IN. (NM)	
Deploy command brake release torque check	With 13.0 To 14.0 (90 to 97 kPa) dcv actuator pressure the deploy drag torque is 5 Lb-IN. (0.6 NM) max.	<u>1</u> LB-IN. (NM)	
	With 13.0 To 14.0 (90 to 97 kPa) dcv actuator pressure the stow drag torque is 4 LB-IN. (0.5 nm) max.	<u>1</u> LB-IN. (NM)	

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Figure 1015. (Sheet 4 of 5) Test Data Sheet (GRAPHIC 78-32-23-99B-819-A01)

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TEST	REQUIREMENTS	ACTUAL VALUE	ACCEPT (✓)
Operational test (cont)			
Actuator operational checks (cont)	Actuator linear stroke time is: 1.8 Seconds or less at 1.25 To 1.75 IN. (31.75 to 44.45 MM) from the fully stowed position to the fully deployed position.	<u>1.47</u> Seconds	
Stow snub adjustment check	Stow snub dimension is: 0.300 to 0.395 IN. (7.62 to 10.03 MM) from the stow rig position.	<u>0.310</u> IN. (MM)	
Stow limit switch setpoints	Limits switch actuation dimension is: 0.200 to 0.250 IN. (5.08 to 6.35 MM) from the stow position in the deploy direction of travel.	<u>0.235</u> IN. (MM)	
	Limit switch de-actuation dimension is: 0.250 to 0.200 IN. (6.35 to 5.08 MM) from the stow position in the stow direction of travel.	<u>0.212</u> IN. (MM)	
Overtravel lever adjustment check	Overtravel lever stop dimension is: 0.370 to 0.390 IN. (9.40 to 9.91 MM) from the stow position in the deploy direction of travel.	<u>0.380</u> IN. (MM)	
Brake linkage end-play check	Brake linkage end-play dimension is: 0.020 to 0.040 IN. (0.51 to 1.02 MM) with the dcv actuator position in relation to dcv command pressure.	<u>0.030</u> IN. (MM)	
Dcv actuator command pressure check	Deploy stroke command pressure is: 17.0 Psig (117 kPa) max. From the stow position to the fully deployed position stop.	<u>14.0</u> PSIG (kPa)	
Dcv stow actuator command pressure check	Stow stroke decay pressure is: 3.0 PSIG (20 kPa) min. From the deploy position to the fully stowed position stop.	<u>3.7</u> PSIG (kPa)	
	Dcv actuator stroke distance is:	<u>0.985 in.</u>	
Manual brake release cam follower gap check	Manual brake release cam to cam follower gap is: 0.025 to 0.035 IN. (0.63 to 0.88 MM) with the manual brake release de-activated.	<u>0.030</u> IN. (MM)	

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Figure 1015. (Sheet 3 of 5) Test Data Sheet (GRAPHIC 78-32-23-99B-819-A01)

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TEMPORARY REVISION NO. 78-50

INSERT PAGE 4 OF 7 FACING PAGE 1046.

Reason: Changed deploy snubbing position dimension in Figure 1015 Test Data Sheet.

Figure 1015 (Sheet 2 of 5) is changed as follows:

TEST	REQUIREMENTS	ACTUAL VALUE	ACCEPT ()
Operational test (cont)			
Actuator linear stroke check	Linear stroke dimension is: 21.99 to 22.03 IN. (55.85 to 55.96 CM) stop to stop	<u>22.03</u> IN. (MM)	✓
Deploy snub adjustment check	Deploy snubbing position dimension is: 0.380 to 0.400 IN. (9.14 to 10.16 MM) from the fully deployed position in the stow direction of travel	<u>0.380</u> IN. (MM)	✓
	P2 (snubber chamber) pressure is: 30 PSIG (207 kPa) MIN	<u>38</u> PSIG (kPa)	✓
Deploy limit switch setpoint	Limit switch actuation dimension is: 0.475 to 0.500 IN. (12.08 To 12.70 MM) from the stow position in the deploy direction of travel.	<u>0.485</u> IN. (MM)	✓
	Limit switch de-actuation dimension is: 0.475 to 0.535 IN. (12.08 to 13.59 MM) from the fully deployed position in the stow direction of travel.	<u>0.518</u> IN. (MM)	✓
Deploy position switch overtravel lever adjustment check	Overtravel lever stop dimension is: the actual deploy limit switch set point recorded in above +0.010 IN. (+0.25 MM) (0.560 IN. (14.22 MM) from deploy rig position max.)	<u>0.538</u> IN. (MM)	✓
Actuator operational checks	Smoothness of operation.		✓
	Midstroke reversal.		✓
	Maximum deployed peak air motor speed is: 16.800 to 17.200 rpm from the stow position to the fully deployed position	<u>17,000</u> RPM	✓
	Maximum slow peak air motor speed is: 19.000 to 19.400 rpm from the fully deployed position to the stow position.	<u>19,100</u> RPM	✓

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COMPONENT MAINTENANCE MANUAL
126784

5012025515

PART NO. <u>126784-11</u>		SERIAL NO. <u>GRT 4053C</u>	
TEMPERATURE <u>70</u>		BAROMETRIC PRESSURE <u>29.4</u> IN. HG (kPa)	
DCV SN <u>N/A</u>		LIMIT SWITCH ASSY SN <u>N/A</u>	
BALLSCREW SN <u>N/A</u>		TESTED BY <u>BML</u> DATE <u>5-10-13</u>	
TEST	REQUIREMENTS	ACTUAL VALUE	ACCEPT (M)
As received			
Electrical tests (Codes F, G, H, and J)			
Insulation resistance check	Insulation resistance is 100 MΩ min. from the limit switch connector pins to ground	<u>>1000</u> MΩ	<input checked="" type="checkbox"/>
Bonding resistance check (for -7 and subsequent only)	Bonding resistance is 2.5 milliohms max. from the limit switch connector shell to the mounting tower	<u>1.60</u> MΩ	<input checked="" type="checkbox"/>
Operational test			
Slave throttle feedback screw position check	PN 3282888 (Airbus) stow stop dimension is: 0.710 to 0.770 IN. (18.03 to 19.56 MM) with one rig line visible in the stowed position	<u>0.740</u> IN. (MM)	<input checked="" type="checkbox"/>
	PN 3282936 (Boeing) stow stop dimension is: 4.620 to 4.780 IN. (117.34 to 121.41 MM) with packing visible in the stowed position	<u>N/A</u> IN. (MM)	<u>N/A</u>

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Figure 1015. (Sheet 1 of 5) Test Data Sheet (GRAPHIC 78-32-23-99B-819-A01)

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Honeywell

Aerospace

Honeywell Aerospace Trading (HAT)

INS No: 5187

Revision : 19

Release date: 06/11/14

Effective date: 06/11/14

HAT – Receiving Inspection

HAT Substitute Packing List

Supplier Honeywell Anniston Location or address

PO Number 8197144

Item	Qty	P/N	SER#	LOC
	<u>1</u>	<u>1267X4-11</u>	<u>GRTC4053C</u>	<u>OH</u>

Comments/Date Stamp/Signature:

Bin: 1U029NA10

RECEIVED
MAY 16 2018

BY: