M&O Critical Safety Items

PRID	FH089	**Part Number**	3617950-1	**Status**	Routine
NSN	3010-01-515-8483	**Nomenclature**	POWER TRANSFER CLUTCH (APU)	**System**	AH-64

Output Part

Part Number 3617950-1 **NSN** 3010-01-515-8483

Nomenclature Power Transfer Clutch (APU) **CSI / Date** Yes - 12/2/2004

Serial Number Req'd	Engineering Test Req'd	Fatigue	Endurance	Interchange
Yes	Yes	Yes	Yes	Yes

M	D	I	Critical Characteristic
Y	Y	N	Clamp nut torque 300 inch-lb
Y	Y	N	Vibration testing per latest Government approved ATP.
Y	Y	Y	Seal plate bolt torque 65 inch-lb

CAGE	Approved Replacement (Spares) Source Name
99193	Honeywell Intl Inc
8V613	The Boeing Company
02LU7	Honeywell Intl Inc, Defense and Space

Part Number 3617951-2 **NSN**

Nomenclature Output Housing Assembly **CSI / Date** Yes - 3/8/2005

Serial Number Req'd	Engineering Test Req'd	Fatigue	Endurance	Interchange
No	No	No	No	No

M	D	I	Critical Characteristic
Y	N	N	Heat treatment H1025 per HT5089
Y	Y	N	Penetrant inspection EMS52309 acceptance per EMS52300 class 2A grade B
Y	Y	N	Duplex bearing housing depth 1.660 +/- .001
Y	Y	N	Duplex bearing housing bore 2.0481 +/- .0002

CAGE	Approved Replacement (M&O) Source Name
99193	Honeywell Intl Inc

Part Number 3617951-3 **NSN**

Nomenclature Output Housing Assembly **CSI / Date** Yes - 10/22/2020

Serial Number Req'd	Engineering Test Req'd	Fatigue	Endurance	Interchange
Yes	No	No	No	No

M	D	I	Critical Characteristic
Y	N	N	Heat treatment H1025 per HT5089.
Y	Y	N	Penetrant inspection EMS52309 acceptance per EMS52300 class 2A grade B.
Y	Y	N	Duplex bearing housing depth 1.660 +/- .001.
Y	Y	N	Duplex bearing housing bore 2.0481 +/- .0002.

CAGE	Approved Replacement (M&O) Source Name
99193	Honeywell Intl Inc

Part Number 3617953-2 **NSN**

Nomenclature Adapter Splined Output **CSI / Date** Yes - 2/28/2005

Serial Number Req'd	Engineering Test Req'd	Fatigue	Endurance	Interchange
No	No	No	No	No

M	D	I	Critical Characteristic
Y	Y	N	Duplex bearing pilot diameter 2X .98455 +/- .00015

CAGE	Approved Replacement (M&O) Source Name
99193	Honeywell Intl Inc

Part Number 3617953-3 **NSN**

Nomenclature Adapter Splined Output **CSI / Date** Yes - 3/27/2014

Serial Number Req'd	Engineering Test Req'd	Fatigue	Endurance	Interchange
Yes	No	No	No	No

M	D	I	Critical Characteristic
Y	Y	N	Duplex bearing pilot diameter 2X .98455 +/- .00015.

CAGE	Approved Replacement (M&O) Source Name
99193	Honeywell Intl Inc

Part Number 3617957-2 **NSN**

Nomenclature Duplex Bearing (APU) **CSI / Date** Yes - 12/2/2004

Serial Number Req'd	Engineering Test Req'd	Fatigue	Endurance	Interchange
Yes	Yes	No	Yes	Yes

M	D	I	Critical Characteristic
Y	N	N	Outer width 1.4420 +/- .0005
Y	N	N	End play .0022 - .0032 @ 33 lb gage load
Y	N	N	Contact Angle of 21° to 25° under a 33 Lb. Gage Load.
Y	N	N	Grease fill 3 - 5 grams with Mobile 28
Y	N	N	O.D. 2.04705 +/- 0.00015
Y	N	N	Bore 0.9842 +/- 0.0001

CAGE	Approved Replacement (M&O) Source Name
99193	Honeywell Intl Inc

Part Number 3617957-3 **NSN**

Nomenclature Duplex Bearing (APU) **CSI / Date** Yes - 8/29/2012

Serial Number Req'd	Engineering Test Req'd	Fatigue	Endurance	Interchange
Yes	Yes	No	Yes	Yes

M	D	I	Critical Characteristic
Y	N	N	Bore 0.9842 +/- 0.0001
Y	N	N	OD 2.04705 +/- 0.00015
Y	N	N	Grease fill 3- 5 grams with Mobil 28
Y	N	N	Contact Angle of 21°-25° under a 33 Lb. Gage Load.
Y	N	N	End play 0.0022- 0.0032 @ 33 lb gage load
Y	N	N	Outer width 1.4420 +/- 0.0005

CAGE	Approved Replacement (M&O) Source Name
99193	Honeywell Intl Inc

Part Number 3886202-1 **NSN**

Nomenclature Input Housing **CSI / Date** Yes - 3/8/2005

Serial Number Req'd	Engineering Test Req'd	Fatigue	Endurance	Interchange
No	No	No	No	No

M	D	I	Critical Characteristic
Y	Y	N	Penetrant inspection per EMS52300 class 2A grade C

CAGE	Approved Replacement (M&O) Source Name
99193	Honeywell Intl Inc

Part Number 3886202-2 **NSN**

Nomenclature Input Housing Yes - 10/22/2020

CSI /
Date

Serial Number Req'd	Engineering Test Req'd	Fatigue	Endurance	Interchange
Yes	No	No	No	No

M	D	I	Critical Characteristic
Y	Y	N	Penetrant inspection per EMS52300 class 2A grade C.

CAGE	Approved Replacement (M&O) Source Name
99193	Honeywell Intl Inc