

M&O CRITICAL SAFETY ITEMS

Part No

3617950-1

NSN

3010 - 01 - 515 - 8483

Noun

Power Transfer Clutch (APU)

Critical Safety

Y

CSI Date

01/02/2004

Serial Number Req'd

Y

Engineering Test Req'd

Y

Fatigue

Y

Endurance

Y

Interchange

Y

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

<u>CAGE</u>	<u>Approved M&amp;O Sources</u>	<u>Approved Date</u>
02LU7	Honeywell Intl Inc, Defense and Space	
8V613	The Boeing Company	
99193	Honeywell Intl Inc	

# M&O CRITICAL SAFETY ITEMS

**Part No** 3617951-2 **NSN** - - -  
**Noun** Output Housing Assembly **Critical Safety** Y **CSI Date** 01/08/2005  
**Serial Number Req'd** N **Engineering Test Req'd** N **Fatigue** **Endurance** **Interchange**

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

<u>CAGE</u>	<u>Approved Replacement (Spares) Sources</u>	<u>Approved Date</u>
99193	Honeywell Intl Inc	

# M&O CRITICAL SAFETY ITEMS

**Part No** 3617951-3 **NSN** - - -  
**Noun** OUTPUT HOUSING ASSEMBLY **Critical Safety** Y **CSI Date** 01/22/2020  
**Serial Number Req'd** N **Engineering Test Req'd** N **Fatigue** N **Endurance** N **Interchange** N

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

<u>CAGE</u>	<u>Approved Replacement (Spares) Sources</u>	<u>Approved Date</u>
99193	Honeywell Intl Inc	

M&O CRITICAL SAFETY ITEMS

Part No

3617953-2

NSN

- - -

Noun

Adapter Splined Output

Critical Safety

Y

CSI Date

01/08/2005

Serial Number Req'd

N

Engineering Test Req'd

N

Fatigue

Endurance

Interchange

<u>M</u>	<u>D</u>	<u>I</u>	<u>Critical Characteristics</u>
Y	Y	N	Duplex bearing pilot diameter 2X .98455 +/- .00015

<u>CAGE</u>	<u>Approved Replacement (Spares) Sources</u>	<u>Approved Date</u>
99193	Honeywell Intl Inc	

# M&O CRITICAL SAFETY ITEMS

**Part No** 3617953-3 **NSN** - - -  
**Noun** Adapter Splined Output **Critical Safety** Y **CSI Date** 01/27/2014  
**Serial Number Req'd** Y **Engineering Test Req'd** N **Fatigue** **Endurance** **Interchange**

<u>M</u>	<u>D</u>	<u>I</u>	<u>Critical Characteristics</u>
Y	Y	N	Duplex bearing pilot diameter 2X .98455 +/- .00015

<u>CAGE</u>	<u>Approved Replacement (Spares) Sources</u>	<u>Approved Date</u>
99193 Honeywell Intl Inc		

# M&O CRITICAL SAFETY ITEMS

**Part No** 3617957-2 **NSN** - - -  
**Noun** Duplex Bearing (APU) **Critical Safety** Y **CSI Date** 01/02/2004  
**Serial Number Req'd** Y **Engineering Test Req'd** Y **Fatigue** N **Endurance** Y **Interchange** Y

<u>M</u>	<u>D</u>	<u>I</u>	<u>Critical Characteristics</u>
Y	N	N	Bore 0.9842 +/- 0.0001
Y	N	N	Contact Angle of 21? to 25? under a 33 Lb. Gage Load.
Y	N	N	End play .0022 - .0032 @ 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	Outer width 1.4420 +/- .0005

<u>CAGE</u>	<u>Approved Replacement (Spares) Sources</u>	<u>Approved Date</u>
99193	Honeywell Intl Inc	

# M&O CRITICAL SAFETY ITEMS

Part No 3617957-3 NSN - - -

Noun DUPLEX BEARING (APU) Critical Safety Y CSI Date 01/29/2012

Serial Number Req'd Y Engineering Test Req'd Y Fatigue N Endurance Y Interchange Y

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

<u>CAGE</u>	<u>Approved Replacement (Spares) Sources</u>	<u>Approved Date</u>
99193	Honeywell Intl Inc	

## M&O CRITICAL SAFETY ITEMS

**Part No** 3886202-1

NSN - - -

**Noun**      Input Housing

**Critical Safety**      Y

**CSI Date** 01/08/2005

**Serial Number Req'd**    N

Engineering Test Req'd N

## Fatigue

## Endurance

## Interchange

<u>M</u>	<u>D</u>	<u>I</u>	<u>Critical Characteristics</u>
Y	Y	N	Penetrant inspection per EMS52300 class 2A grade C

<u>CAGE</u>	<u>Approved Replacement (Spares) Sources</u>	<u>Approved Date</u>
99193	Honeywell Intl Inc	

## M&O CRITICAL SAFETY ITEMS

**Part No** 3886202-2

NSN - - -

**Noun** INPUT HOUSING

**Critical Safety** Y

CSI Date 01/22/2020

**Serial Number Req'd**    N        **Engineering Test Req'd**    N        **Fatigue**    N        **Endurance**    N        **Interchange**    N

<u>M</u>	<u>D</u>	<u>I</u>	<u>Critical Characteristics</u>
Y	Y	N	Penetrant inspection per EMS52300 class 2A grade C.

<u>CAGE</u>	<u>Approved Replacement (Spares) Sources</u>	<u>Approved Date</u>
99193	Honeywell Intl Inc	