ITEM DESCRIPTION

NSN	CAGE	REFERENCE NUMBER	NOUN
1377010528206ES	51998	1002-41	CARTRIDGE,IMPULSE

END ITEM	TCTO NUMBER	TO NUMBER
ACES II EJECTION SEAT		11P2-3-7

CRITICALITY CODE	DEMILITARIZATION CODE	SECURITY CODE	MDC	ES CODE
F	G	7	WZE	WP

REMARKS

INITIATOR

NAME	ORGANIZATION / OFFICE SYMBOL	DSN PHONE	COMMERCIAL PHONE
JAMES.E.LASELUTE	AFLCMC / EBHJ	586-9087	801-586-9087

ITEM DESCRIPTION DATA

LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	WEIGHT (LB)
1.2500	0.7500	0.6200	0.0300

OTHER DIMENSIONS

ITEM MATERIAL

The materials, including sealants used in the design of the cartridge shall be compatible with energetic materials when in contact or exposed to the energetic material

ITEM FUNCTION

Assist with the release of aircrew members restraint system on ejection seat

SAFETY CRITICAL SCREW THREADED COMPONENT ☐	ESD ☐	CEMS ☐	SENSITIVE DATA ☐

STATEMENT OF HELIUM CONTENT (%) 0 PRECIOUS METAL INDICATOR CODE ☐

GFM REQUIRED ☐	GFE REQUIRED ☐	GFP REQUIRED ☐

JEWEL BEARING ☐ JEWEL BEARING RELATED ☐

LEGACY ITEM DESCRIPTION

ACFT EJECTION SYS (LIFE SUPPORT) BALLISTIC DEVICE. PREDOMINANT MATL ALUMINUM CASE COVERING ELEC SQUIB AND EXP MATERIAL WITH EXPLOSIVE CHARGE OF .0004 LBS, LENGTH 1.25", WIDTH .75", HEIGTH .62", AND IS ELECTRICALLY INITIATED. P/O ACES IIEJECTION SEAT EXP COMPONENTS (ALT NSN) 1377 01 368 5411ES P/N 9392046-2

ITEM DESCRIPTION

NSN	CAGE	REFERENCE NUMBER	NOUN
1377010530537ES	14844	1004-3	GENERATOR,GAS PRESS

END ITEM	TCTO NUMBER	TO NUMBER
		11P2-3-7

CRITICALITY CODE	DEMILITARIZATION CODE	SECURITY CODE	MDC	ES CODE
Y	G	4	WZE	WP

REMARKS

INITIATOR

NAME	ORGANIZATION / OFFICE SYMBOL	DSN PHONE	COMMERCIAL PHONE
LISA.KENNEDY	784 CBSG / GJ	777-5694	801-777-5694

ITEM DESCRIPTION DATA

LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	WEIGHT (LB)
1.5000	1.4300	1.2500	0.1200

OTHER DIMENSIONS

ITEM MATERIAL

Gas Generator-Gyro Spin-up shown in Figure 7 and Figure 8 consists primarily of an electrically fired initiator, body, and a retaining disk. Gasgenerator body contains explosive charge, which is retained within the body by a retaining disk.

ITEM FUNCTION

Aircraft Egress System

SAFETY CRITICAL SCREW THREADED COMPONENT ☐	ESD ☐	CEMS ☐	SENSITIVE DATA ☐

STATEMENT OF HELIUM CONTENT (%) 0 | PRECIOUS METAL INDICATOR CODE ☐

GFM REQUIRED ☐	GFE REQUIRED ☐	GFP REQUIRED ☐

JEWEL BEARING ☐ | JEWEL BEARING RELATED ☐

LEGACY ITEM DESCRIPTION

ACFT EJECTION SYS (LIFE SUPPORT) BALLISTIC DEVICE. PREDOMINANT MATL ALUMINUM CASE COVERING ELEC SQUIB AND EXPLOSIVE MATL WITH EXPLOSIVE CHARGE OF .0111 LBS, LENGTH 1.5", WITH 1.43", HEIGTH 1.25", AND IS ELECTRICALLY INITIATED. P/O ACES IIEJECTION SEAT EXP COMPONENTS (ALT NSN) 1377 01 319 3847ES P/N 6066100-02

ITEM DESCRIPTION

NSN	CAGE	REFERENCE NUMBER	NOUN
1377013193847ES	93455	6066100-02	GENERATOR,GAS PRESS

END ITEM	TCTO NUMBER	TO NUMBER
		11p2-3-7

CRITICALITY CODE	DEMILITARIZATION CODE	SECURITY CODE	MDC	ES CODE
Y	G	4	WZE	WP

REMARKS

INITIATOR

NAME	ORGANIZATION / OFFICE SYMBOL	DSN PHONE	COMMERCIAL PHONE
LISA.KENNEDY	784 CBSG / GJ	777-5694	801-777-5694

ITEM DESCRIPTION DATA

LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	WEIGHT (LB)
1.5000	1.4300	1.2500	0.1200

OTHER DIMENSIONS

ITEM MATERIAL

Explosive material in a metal housing

ITEM FUNCTION

Aircraft Egress System

SAFETY CRITICAL SCREW THREADED COMPONENT ☐	ESD ☐	CEMS ☐	SENSITIVE DATA ☐

STATEMENT OF HELIUM CONTENT (%) 0 | PRECIOUS METAL INDICATOR CODE ☐

GFM REQUIRED ☐	GFE REQUIRED ☐	GFP REQUIRED ☐

JEWEL BEARING ☐ | JEWEL BEARING RELATED ☐

LEGACY ITEM DESCRIPTION

ACFT EJECTION SYS (LIFE SUPPORT) BALLISTIC DEVICE PREDOMINANT MAT'L ALUMINUM CASE COVEFING ELEC SQUIB AND EXPLOSIVE MAT'L WITH EXPLOSIVE CHARGE OF .0111 LBS. LENGTH 1.5", WITH 1.43", HEIGTH 1.25", AND IS ELECTRICALLY INITIATED. P/O ACES IIEJECTION SEAT EXP COMPONENTS

ITEM DESCRIPTION

NSN	CAGE	REFERENCE NUMBER	NOUN
1377016495552ES	93455	6284200	CARTRIDGE,IMPULSE

END ITEM	TCTO NUMBER	TO NUMBER
ACES II Ejection Seat		11P2-3-7

CRITICALITY CODE	DEMILITARIZATION CODE	SECURITY CODE	MDC	ES CODE
F	G	7	WZE	WP

REMARKS

INITIATOR

NAME	ORGANIZATION / OFFICE SYMBOL	DSN PHONE	COMMERCIAL PHONE
JAMES.E.LASELUTE	AFLCMC / EBHJ	775-4888	801-775-4888

ITEM DESCRIPTION DATA

LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	WEIGHT (OZ)
1.2500	0.7500	0.6200	0.0300

OTHER DIMENSIONS

ITEM MATERIAL

Cartridge is made up of electric igniter assembly, a cartridge can which holds the propellant material. A shunting device and 2 protective caps are installed to prevent firing during storage and shipping.

ITEM FUNCTION

Cartridge fires and strokes thruster piston which initiates seat man seperation during the ejection event

SAFETY CRITICAL SCREW THREADED COMPONENT ☐	ESD ☐	CEMS ☐	SENSITIVE DATA ☐

STATEMENT OF HELIUM CONTENT (%) 0 PRECIOUS METAL INDICATOR CODE ☐

GFM REQUIRED ☐	GFE REQUIRED ☐	GFP REQUIRED ☐

JEWEL BEARING ☐ JEWEL BEARING RELATED ☐

LEGACY ITEM DESCRIPTION

ITEM DESCRIPTION

NSN	CAGE	REFERENCE NUMBER	NOUN
1377016522801ES	93455	6284100	CARTRIDGE,IMPULSE

END ITEM	TCTO NUMBER	TO NUMBER
ACES II Ejection Seat		11P2-3-7

CRITICALITY CODE	DEMILITARIZATION CODE	SECURITY CODE	MDC	ES CODE
F	G	7	WZE	WP

REMARKS

INITIATOR

NAME	ORGANIZATION / OFFICE SYMBOL	DSN PHONE	COMMERCIAL PHONE
JAMES.E.LASELUTE	AFLCMC / EBHJ	775-4888	801-775-4888

ITEM DESCRIPTION DATA

LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	WEIGHT (OZ)
1.8800	0.7500	0.6200	0.0330

OTHER DIMENSIONS

ITEM MATERIAL

Cartridge is made up of electric igniter assembly, a cartridge can which holds the propellant material. A shunting device and 2 protective caps are installed to prevent firing during storage and shipping.

ITEM FUNCTION

Drogue Gun cart fires to deploy the drogue chute to stabilze and slow the ejection seat during the ejection event.

SAFETY CRITICAL SCREW THREADED COMPONENT ☐	ESD ☐	CEMS ☐	SENSITIVE DATA ☐

STATEMENT OF HELIUM CONTENT (%) 0	PRECIOUS METAL INDICATOR CODE ☐

GFM REQUIRED ☐	GFE REQUIRED ☐	GFP REQUIRED ☐

JEWEL BEARING ☐	JEWEL BEARING RELATED ☐

LEGACY ITEM DESCRIPTION

ITEM DESCRIPTION

NSN	CAGE	REFERENCE NUMBER	NOUN
1377010528208ES	51998	1003-24	CARTRIDGE,IMPULSE

END ITEM	TCTO NUMBER	TO NUMBER
ACES II JECTION SEAT		11P2-3-7

CRITICALITY CODE	DEMILITARIZATION CODE	SECURITY CODE	MDC	ES CODE
F	G	7	WZE	WP

REMARKS

INITIATOR

NAME	ORGANIZATION / OFFICE SYMBOL	DSN PHONE	COMMERCIAL PHONE
JAMES.E.LASELUTE	AFLCMC / EBHJ	586-9087	801-586-9087

ITEM DESCRIPTION DATA

LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	WEIGHT (OZ)
1.8800	0.7500	0.6200	0.0350

OTHER DIMENSIONS

ITEM MATERIAL

Cart is made of explosive powder and initiating squib

ITEM FUNCTION

Cart is used to propel the extraction chute of the main drogue chute assembly during mode 2 and 3 ejection events.

SAFETY CRITICAL SCREW THREADED COMPONENT ☐	ESD ☐	CEMS ☐	SENSITIVE DATA ☐

STATEMENT OF HELIUM CONTENT (%) 0 | PRECIOUS METAL INDICATOR CODE ☐

GFM REQUIRED ☐	GFE REQUIRED ☐	GFP REQUIRED ☐

JEWEL BEARING ☐ | JEWEL BEARING RELATED ☐

LEGACY ITEM DESCRIPTION

ACFT EJECTIONS SYS (LIFE SUPPORT) BALLISTIC DEVICE. PREDOMINANT MAT'LALUMINUM CASE COVERING ELEC SQUIB AND EXP MATERIAL WITH EXPLOSIVE CHARGE OF .0004 LBS, LENGTH 1.25",WIDTH .75", HEIGTH .62", AND IS ELECTRICALLY INITIATED. P/O ACES IIEJECTION SEAT EXP COMPONENTS. (ALT NSN) 177 01 368 5411ES P/M 9392046-2 HI SHEAR TECH CORP