FEDERAL ITEM IDENTIFICATION GUIDE

ATMOSPHERIC INDICATORS

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BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

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INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

Approved Item Name	INC
INDICATOR, CLOUD BASE AND TOP	19643

An indicator which displays the base and top altitude of clouds.

INDICATOR, METEOROLOGICAL DATA	60645

An indicator for the display of current meteorological information. It is a component of a meteorological data display set.

INDICATOR, MULTIPLE, AIR NAVIGATION	19657

An indicator for the display of four or more factors that are used in the solution of an air navigation problem. See also INDICATOR (as modified).

SECTION I

MRC	Mode Code	Requirements
NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code. (e.g., NAMED19643*)

ALBY *	D	USAGE DESIGN

Definition: INDICATES THE DESIGNED USE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 6. (e.g., ALBYDBJH*; ALBYDBJH$$DBJJ*)

CWJK	D	CASE MATERIAL

Definition: THE CHEMICAL COMPOUND OR MECHANICAL MIXTURE PROPERTIES OF WHICH THE CASE IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 7. (e.g., CWJKDALA000*)

ASKX *	A	ELECTRICAL CONNECTION QUANTITY

Definition: THE NUMBER OF ELECTRICAL CONNECTIONS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., ASKXA2*)

AMNL *	D	PRESENTATION TYPE

Definition: INDICATES THE TYPE OF PRESENTATION.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., AMNLDAP*; AMNLDAP$$DBC*)

BNHZ *	J	ACCURACY RATING

Definition: AN INDICATION OF THE ACCURACY OF AN ITEM.

Reply Instructions: Enter the applicable I/SAC from Appendix A , Table 3, followed by the Mode Code, the applicable Reply Code from Appendix A, Table 8, and the numeric value. (e.g.,

MRC	Mode Code	Requirements

BNHZ2AAJBDR2.0*;

BNHZ2CCJAAK1.0*

BNHZ2CDJAAK25.0*;

BNHZ2DCJBBF0.5*;

BNHZ2DAJAAJ450.0*)

ABWG * A SCALE DIVISION QUANTITY

Definition: THE NUMBER OF SCALE DIVISIONS.

Reply Instructions: Enter the applicable ISAC from Appendix A , Table 3, followed by the Mode Code and the numeric value. (e.g., ABWG2AXA2.0*; ABWG2CYA1.0*).

ABFN * H SCALE MARKING AND SURFACE FINISH

Definition: AN INDICATION OF THE MARKING(S) ON THE SCALE AND THE SURFACE FINISH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below. (e.g., ABFNHAACAAB*; ABFNHAACAAB$$HAAFAAC*; ABFNHAACAAB$HAAFAAC*)

Table 1

REPLY CODE	REPLY (AJ65)
AAC	LETTERS
AAG	LINED INCREMENTS
AAF	NUMERALS

Table 2

REPLY CODE	REPLY (AB54)
AAB	FLOURESCENT
AAE	LUMINOUS
AAD	NONLUMINOUS
AAC	PHOSPHORESCENT
AAA	RADIOACTIVE

BFQN * D DISPLAY TYPE

Definition: INDICATES THE TYPE OF DISPLAY PROVIDED.

MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BFQNDFJX*; BFQNDFJW$$DFJX*)

REPLY CODE	REPLY (AK54)
FVW	BALLAST
FJS	FLUORESCENT TUBE
FJT	GAS DISCHARGE TUBE
FJW	LIGHT EMITTING DIODE
FJX	LIQUID CRYSTAL

ASKN * G INDIVIDUAL MARKING

Definition: AN INDICATION OF THE INDIVIDUAL MARKING ON THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., ASKNGTWO HORIZONTAL LINES*)

Separate multiple replies with a semicolon. (e.g., ASKNGMINUS SYMBOL; PLUS SYMBOL*)

HUES * D COLOR

Definition: A CHARACTERISTIC OF LIGHT THAT CAN BE SPECIFIED IN TERMS OF LUMINANCE, DOMINANT WAVELENGTH, AND PURITY.

Reply Instructions: Enter the applicable ISAC from Appendix A , Table 4, followed by the Mode Code and the applicable Reply Code from Appendix A, Table 9. (e.g., HUES2AADABL0036*; HUES2BCDWH0034*)

ACDC * D CURRENT TYPE

Definition: INDICATES THE TYPE OF CURRENT WHETHER ALTERNATING, DIRECT, OR BOTH

Reply Instructions: Enter the applicable Reply Code from the Table below. (e.g., ACDCDB*)

REPLY CODE	REPLY (AB62)
B	AC
D	AC/DC
C	DC

ACYR * J DC VOLTAGE RATING

MRC	Mode Code	Requirements

NOTE: If Reply Code C or D is entered for MRC ACDC, reply to MRC ACYR .

Definition: THE VALUE, OR RANGE OF VALUES, OF DIRECT CURRENT POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACYRJVA28.0*; ACYRJVB6.0$$JVC12.0*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ACYN * J AC VOLTAGE RATING

NOTE: If Reply Code B or D is entered for MRC ACDC, reply to MRC ACYN.

Definition: THE VALUE, OR RANGE OF VALUES, OF ROOT MEAN SQUARE POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACYNVA115.0*; ACYNJVB110.0$$JVC220.0*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
M	MEGAVOLTS
U	MICROVOLTS
L	MILLIVOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

MRC	Mode Code	Requirements

FAAZ * D PHASE

NOTE: If Reply Code B or D is entered for MRC ACDC, reply to MRC FAAZ.

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., FAAZDA*; FAAZDA$$DC*)

REPLY CODE	REPLY (AD02)
A	SINGLE
C	THREE
B	TWO

ACZB * J FREQUENCY RATING

NOTE: If Reply Code B or D is entered for MRC ACDC, reply to MRC ACZB.

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH AN ITEM IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACZBJEA60.0*; ACZBJEB50.0$$JEC400.0*)

Table 1

REPLY CODE	REPLY (AC32)
G	GIGAHERTZ
E	HERTZ
K	KILOHERTZ
M	MEGAHERTZ

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

AMND * J INPUT IMPEDANCE RATING

Definition: THE TOTAL OPPOSITION (RESISTIVE AND REACTIVE) PRESENTED BY THE ITEM TO AN ALTERNATING CURRENT SOURCE.

MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AMNDJQRA200.0*; AMNDJQRB50.0$$JQRC53.0*)

Table 1

REPLY CODE	REPLY (AE75)
GF	GIGOHMS
KR	KILOHMS
MR	MEGOHMS
QR	OHMS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ASLN * J FUSE CURRENT RATING IN AMPS

Definition: THE VALUE OF CURRENT FOR WHICH THE FUSE IS RATED, EXPRESSED IN AMPERES.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ASLNJA50.0*; ASLNJB50.0$$JC60.0*)

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ABTB * J MOUNTING HOLE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A MOUNTING HOLE, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABTBJAA0.125*; ABTBJLA25.4*; ABTBJAB0.120$$JAC0.129*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ABVG * J MOUNTING SLOT LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE MOUNTING SLOT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABVGJAA0.375*; ABVGJLA6.5*; ABVGJAB0.368$$JAC0.386*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ABRY * J LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF ANY OBJECT, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABRYJAA4.250*; ABRYJLA325.0*; ABRYJAB4.200$$JAC4.300*)

Table 1

REPLY CODE	REPLY (AA05)
F	FEET
A	INCHES
M	METERS
L	MILLIMETERS
Y	YARDS

MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ABGL * J WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABGLJAA30.030*; ABGLJLA425.0*; ABGLJAB30.000$$JAC30.600*)

Table 1

REPLY CODE	REPLY (AA05)
F	FEET
A	INCHES
M	METERS
L	MILLIMETERS
Y	YARDS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ABMZ * J DIAMETER

NOTE: Reply to MRC ABMZ if no reply is entered for MRCs ABRY and ABGL.

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CIRCULAR FIGURE OR BODY, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMZJAA2.500*; ABMZJLA25.4*; ABMZJAB2.250$$JAC2.750*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

HGTH * J HEIGHT

Definition: A MEASUREMENT FROM THE BOTTOM TO THE TOP OF AN OBJECT, IN DISTINCTION FROM DEPTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., HGTHJAA0.050*; HGTHJLA1.3*; HGTHJAB0.050$$JAC0.056*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

AEJZ * J DEPTH

Definition: A LINEAR MEASUREMENT FROM THE SURFACE TO A SPECIFED INNER POINT ON AN ITEM, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AEJZJAA4.250*; AEJZJLA25.0*; AEJZJAB4.250$$JAC4.375*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL

MRC	Mode Code	Requirements
	B	MINIMUM
	C	MAXIMUM

CBBL * D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 5. (e.g., CBBLDCWE*)

AGAV * G END ITEM IDENTIFICATION

Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the applicable reply in clear text. (e.g., AGAVG3930-00-000-0000*; AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)

FEAT * G SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. (e.g., FEATGQUALITY CONTROLLED*)

ZZZK * J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

MRC	Mode Code	Requirements

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B$$JP80205-NAS1103*)

REPLY CODE	REPLY (AN62)
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
B	NATIONAL STD/SPEC
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

ZZZT * J NONDEFINITIVE SPEC/STD DATA

NOTE: If the specification/standard cited in reply to MRC ZZZK is nondefinitive, reply to MRC ZZZT. This reply is the data which is not recorded in Segment C.

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1$$JSTA*; ZZZTJTY1$JSTA*)

ZZZY * G REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS

Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)

MRC	Mode Code	Requirements
CRTL *	A	CRITICALITY CODE JUSTIFICATION

Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.

Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAAKJA*; CRTLAAKJA$$ACSGS*)

Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.

PRPY *	A	PROPRIETARY CHARACTERISTICS

NOTE: If Document Availability Code B, D, F, or H, reply to MRC PRPY.

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding ($$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAAKJA$$ACSGS*)

RDAL *	G	REFERENCE DATA AND LITERATURE

Definition: LITERATURE AND REFERENCES AVAILABLE FOR INFORMATION PERTAINING TO THE ITEM.

Reply Instructions: Enter the applicable reply in clear text, giving the technical order, figure and index numbers or other literature information.

(e.g., RDALG2J-F100-4*)

FTLD *	G	FUNCTIONAL DESCRIPTION

Definition: DESCRIBES THE CAPABILITIES, INTENDED USE, AND/OR PURPOSE FOR WHICH THE ITEM IS PROVIDED.

MRC	Mode Code	Requirements
		Reply Instructions: Enter description of function as concisely as possible. (e.g., FTLDGTO SERVE AS AIR AND WATER BARRIER FOR GENERAL PURPOSE SHELTER*)
TMDN *	A	TYPE/MODEL DESIGNATION
		Definition: THE ALPHA-NUMERIC-ALPHA DESIGNATION USED TO IDENTIFY THE TYPE AND/OR MODEL OF THE BASIC ITEM.
		Reply Instructions: Enter the appropriate designation data.
		(e.g., TMDNAMODEL 7-31*;
		TMDNA7-31$$A7-42*)
RTSE *	G	RELATIONSHIP TO SIMILAR EQUIPMENT
		Definition: INDICATES THE RELATIONSHIP, SUCH AS CONSTRUCTION, CAPABILITIES, AND THE LIKE, OF THE ITEM TO A SIMILAR ITEM.
		Reply Instructions: Enter concise statement for similar item including name and identifying data.
		(e.g., RTSEGSIMILAR TO FIXTURE, AIRCRAFT MAINTENANCE,
		4920-01-135-5069, EXCEPT FOR MOUNTING REQUIREMENTS*)
ELRN *	G	EXTRA LONG REFERENCE NUMBER
		Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.
		Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*).
		If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).
		In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.
SUPP *	G	SUPPLEMENTARY FEATURES

MRC	Mode Code	Requirements
		Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.
		Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*)
CXCY *	G	PART NAME ASSIGNED BY CONTROLLING AGENCY
		Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.
		Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR CONTROL BOARD*)
CLQL *	G	COLLOQUIAL NAME
		Definition: A COMMON USAGE NAME BY WHICH AN ITEM IS KNOWN.
		Reply Instructions: Enter the reply in clear text. (e.g., CLQLGWOVEN WIRE CLOTH*)

Reply Tables

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Table 1 - NONDEFINITIVE SPEC/STD DATA

NONDEFINITIVE SPEC/STD DATA

REPLY CODE	REPLY (AD08)
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
BA	IMAGE COLOR
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
AA	MARKER
ML	MATERIAL
BB	MAXIMUM DENSITY

REPLY CODE	REPLY (AD08)
MH	MESH
ME	METHOD
BC	MINIMUM DENSITY
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Table 2 - PRESENTATION TYPE

PRESENTATION TYPE

REPLY CODE	REPLY (AJ15)
BK	ALARM
BL	AMMETER
BM	BUZZER
AK	CATHODE RAY TUBE
BN	CHART
AL	CIRCUIT
AM	COUNTER
AN	DIAL
BP	DIGITAL DISPLAY
BQ	DIGITAL MICROCIRCUIT DECODER
BR	DIPOLE PICK-UP
AP	DROP FLAGS
AQ	DRUM DIAL
BS	ELECTRON TUBE
BT	ELECTRONIC VIBRATOR
BU	FIBER OPTIC TRANSMISSION
BE	FLASHING LIGHT
BV	GALVANOMETER
AR	GRAPHIC RECORDER
AS	ILLUMINATED WINDOW
AT	INDICATOR LIGHT
AX	METER
BW	PULSED LASER LIGHT
BA	REGISTER
BX	SELSYN MOTOR
BD	SERVO MOTOR
BB	SYNCHRO MOTOR
BY	TOTALIZING COUNTER
AA	VIBRATOR ALARM
BZ	VOLTMETER
BC	WINDOW

Table 3 - IDENTIFIED SECONDARY ADDRESS CODING FOR MRCS BNHZ, and ABWG

IDENTIFIED SECONDARY ADDRESS CODING FOR MRCS BNHZ, and ABWG

COLUMN A (0300)	
2A	SINGLE INDICATOR
2B	ALL INDICATORS
2C	1ST INDICATOR
2D	2ND INDICATOR
2E	3RD INDICATOR

COLUMN A (0300)	
COLUMN B	
X	DEGREE CELSIUS
Y	DEGREE FAHRENHEIT
A	SINGLE SCALE
B	ALL SCALE
C	1ST SCALE
D	2ND SCALE
E	3RD SCALE

Table 4 - IDENTIFIED SECONDARY ADDRESS CODING FOR MRC HUES

IDENTIFIED SECONDARY ADDRESS CODING FOR MRC HUES

COLUMN A (0302)	
2A	BACKGROUND
2B	POINTER
2C	MARKER
COLUMN B	
A	OVERALL
B	BASE
C	TIP
D	STRIPES

Table 5 - FEATURES PROVIDED

FEATURES PROVIDED

REPLY CODE	REPLY (AN47)
BGA	ADAPTER
CWB	ASPIRATOR BULB
CWC	BELL SIGNAL
CWD	BEZEL
CWE	CALIBRATION CHART
CWF	CARRYING CASE WITH STRAP
CWG	CHARCOAL CARTRIDGE
CWH	COAXIAL ADAPTER
CWJ	COIL
BEM	COVER
CWK	CRYSTAL
CWL	DECAL (OPERATING INSTRUCTIONS)
CWM	DIFFUSION RING
CWN	DILUTION VALVE
CCD	DRY CELL BATTERY
CWP	DUMMY LOAD
BNM	ENCAPSULATED
CWQ	EXCESSIVE OVER-TEMPERATURE SIGNAL
CWR	FILAMENT
BJE	FORDING FEATURE

REPLY CODE	REPLY (AN47)
CEG	HAND HELD
AQK	HANDLE
CWS	HEAT SINK
AAH	HERMETICALLY SEALED CASE
CWT	HOSE CLAMP COUPLING
CWU	HOSE COUPLING NUT
CWV	HOSE COUPLING SLEEVE
CCH	INCANDESCENT LAMP
CCJ	INSTRUCTION MANUAL
CWW	INTEGRAL SYNCHROSCOPE
DLP	INTERNAL POWER PACK
CWX	KNURLED RING
CWY	LAMP SOCKET
CWZ	LINE TRAP
CXA	LOW PASS FILTER
ABH	MARKER STRIP
AAJ	MOUNTING HARDWARE
EUS	NIGHT VISION COMPATIBILITY
CXB	PACKING O-RING
CXC	PITOT PRESSURE INSERT(S)
CFY	PORTABLE
CXD	POWER SUPPLY
CXE	PROBE TUBE
ALS	PROTECTIVE CAP
CXF	RADIO FREQUENCY PROBE ADAPTER
CXG	REFERENCE INDEX SETTING
CXH	RESET TYPE VOLTAGE ADAPTER
CXJ	RESISTOR TYPE VOLTAGE ADAPTER
CXK	RETAINING RING
CXL	REVOLUTION COUNTER
CXM	SAMPLING LINE
CXN	SELECTOR SWITCH
CXP	STABILIZER
CXQ	STATIC PRESSURE INSERT
CXR	SYNCHRO MOUNTING CLAMP(S)
CXS	TECHNICAL MANUAL
BMS	WATERPROOF
CXT	WAVEGUIDE PROBE

Table 6 - USAGE DESIGN

USAGE DESIGN

REPLY CODE	REPLY (AH21)
BJH	AILERON TRIM
BJJ	AIR SPEED
BJK	AIRPORT RUNWAY LINE-UP ANGLE
BJL	ALTITUDE

REPLY CODE	REPLY (AH21)
BJM	ANCHOR ORDER
BJP	ANGLE OF ATTACK
BJN	ANTENNA HORN
BJQ	AZIMUTH RANGE
BJR	BANK ANGLE
BJS	BINARY CODING DECIMAL (BCD)
BJT	CAUTION RANGE DATA
BJU	CHANNEL ALIGNMENT-PORTABLE RADIO
BJV	COURSE-STEERING ORDER
BJW	CYLINDER HEAD
BJX	DIRECTIONAL GYROSCOPIC
BJY	DISPLAY FUNCTION
BJZ	DISPLAY MODE
BKA	ELEVATOR TRIM
BKB	ENGINE ORDER
BKC	ENGINE PROPELLER ORDER
BKD	ENVIRONMENTAL ALARM
BKE	FIBER OPTICS
BKF	FILM SPEED
BKG	FLAG ROTARY
BKH	FLIGHT DIRECTOR
BKJ	GROUND SYSTEMS GROUP
BKK	GYRO COURSE
BKL	HAND HELD
BKM	HEADING
BKN	HELICOPTER ROTOR SYNCHRONISM
BKP	INDICATED AIR SPEED
BKQ	LIQUID OXYGEN QUANTITY
BKR	LOW APPROACH
BKS	MAGNETIC LATCHING TYPE
BKT	MASTER
BKU	MOTOR ORDER
BKV	OIL BURNER ORDER
BKW	PANEL MOUNTED
BKX	PLANE ANGLE AUXILIARY
BKY	PLANE ANGLE BOW
BKZ	PLANE ANGLE STERN
BLA	POSITION
BLB	PRESET CHANNEL(S)
BLC	PROPELLER ORDER
BLD	PROPELLER REVOLUTION SHIPBOARD
BQA	RATE OF FLOW
BLS	RATE OF TURN
BLE	RECORDER
BLF	REPEATER
BLG	REVOLUTION FORCED DRAFT BLOWER
BLH	RUDDER ANGLE
BLJ	RUDDER ANGLE ORDER

REPLY CODE	REPLY (AH21)
BLW	RUDDER TRIM
BLK	SHIP COURSE
BLL	SHIP ENGINE ORDER
BLM	SHIP SPEED
BMG	SIMULATOR
BMH	SIMULATOR, SYSTEM LASER
BMJ	SIMULATOR, SYSTEM LASER, W/INTEGRAL POWER SOURCE
BLN	TABLE MODEL
BLP	TACHOMETER
ADX	TRANSMISSION LINE
BLQ	TRIM ANGLE
BLR	TRUE AIR SPEED
BLT	VERTICAL SPEED
ADY	WAVEGUIDE
BLU	WIND DIRECTION
BLV	WIND SPEED

Table 7 - MATERIALS

MATERIALS

REPLY CODE	REPLY (MA01)
ALA000	ALUMINUM
ALB000	ALUMINUM ALLOY
AL7072	ALUMINUM ALLOY 7072
AL7075	ALUMINUM ALLOY 7075
	Brass (use Reply Code CUB000)
	Bronze (use Reply Code CUB000)
CRA000	CHROMIUM
CRB000	CHROMIUM ALLOY
MTD000	CONSTANTAN
MTQ000	CONSTANTAN COPPER
MTR000	CONSTANTAN IRON
CUB000	COPPER ALLOY
	Fiber (use specific material)
GSA000	GLASS
FEA000	IRON
FEB000	IRON CAST
FEC000	IRON MALLEABLE
MGB000	MAGNESIUM ALLOY
MTC000	METAL
NLB000	NICKEL ALLOY
PCA000	PLASTIC
PCD000	PLASTIC ACRYLIC
PCN000	PLASTIC PHENOLIC
PCR000	PLASTIC POLYCARBONATE
STA000	STEEL
ST0063	STEEL COMP 12L14

REPLY CODE	REPLY (MA01)
ST0302	STEEL COMP 302
ST0304	STEEL COMP 304
ST0316	STEEL COMP 316
ST1040	STEEL COMP 1040
STB000	STEEL CORROSION RESISTING
WDC000	WOOD

Table 8 - ACCURACY RATING

ACCURACY RATING

REPLY CODE	REPLY (AJ40)
BDH	ARC ANGLE IN DEGREES
BCT	BAR
BCN	CUBIC INCHES
BDJ	DECIBELS
AAD	DEG CELSIUS
AAE	DEG FAHRENHEIT
BDK	DEGREE ANGULAR CALIBRATION RANGE
BDL	DEGREE QUADRANTS
BDM	FATHOM
AAF	FEET
ABD	FEET PER MINUTE
BDN	FOOT-POUNDS
BCL	GALLONS
BDP	GALLONS PER HOUR
BDQ	GALLONS PER MINUTE
ABR	GIGAHERTZ
BDR	HERTZ
BDS	HORSEPOWER (HP)
AAQ	HOUR
BDT	INCH-POUNDS
AAG	INCHES
ABZ	INCHES OF MERCURY
BDU	KILOHERTZ
AAH	KNOTS
AAJ	KNOTS PER HOUR
BBA	LITERS
BDV	MACH
BDW	MARKER
BDX	MARKER DEGREE
BDY	MARKER FEET
BDZ	MARKER METER
BEA	MARKER MILE
BEB	MARKER POSITION
BEC	MARKER YARD
BED	MEGAHERTZ
BCW	METERS

REPLY CODE	REPLY (AJ40)
BBF	MILES
AAK	MILES PER HOUR
ABC	MILLIMETERS
AAX	MINUTES
AAM	PERCENT
BEE	PERCENT OF FLOW RATE
BEF	PERCENT REVOLUTIONS PER MINUTE
BEG	PINTS
BBB	POUNDS
BEH	POUNDS PER HOUR
BEJ	POUNDS PER MINUTE
BBC	POUNDS PER SQUARE INCH
ABE	PULSES PER SECOND
BEK	QUARTS
ABF	REVOLUTIONS PER MINUTE
ABG	REVOLUTIONS PER SECOND
ABW	VOLTS
BEL	YARDS

Table 9 - COLOR

COLOR

REPLY CODE	REPLY (AD06)
AM0000	AMBER
BL0000	BLACK
BL0036	BLACK, DULL
BL0001	BLACK, FED STD 595, 17038
BL0033	BLACK, FED STD 595, 37038
BL0039	BLACK, LUSTERLESS
BU0000	BLUE
CL0000	CLEAR
GR0000	GREEN
	Green, Matte (use Reply Code GR0000)
GR0466	GREEN, MIL-STD-3009, NVIS TYPE I, CLASS A
GR0473	GREEN, MIL-STD-3009, NVIS TYPE I, CLASS B
GR0474	GREEN, MIL-STD-3009, NVIS TYPE II, CLASS A
GR0475	GREEN, MIL-STD-3009, NVIS TYPE II, CLASS B
GR0079	GREEN, MUNSELL
GR0035	GREEN, PALE
RG0000	ORANGE
RE0000	RED
RE0081	RED, AVIATION
RE0080	RED, BLOOD
RE0077	RED, DULL
WH0000	WHITE
WH0034	WHITE, DULL
WH0027	WHITE, FED STD 595, 37875

REPLY CODE	REPLY (AD06)
	White, Matte (use Reply Code WH0000)
WH0019	WHITE, OPAQUE
WH0012	WHITE, TRANSLUCENT
YE0000	YELLOW
	Yellow, Matte (use Reply Code YE0000)
YE0009	YELLOW, PALE
	Yellow-Red (use Reply Codes YE0000 and RE0000)

Reference Drawing Groups

No table of contents entries found.

FIIG Change List

FIIG Change List, Effective October 2, 2009

Corrected reply example for MRC ABWG.