

AP116E-1727-3
Edition 2
AL2
August 1998



H F CONICAL ANTENNAE
WB230M, WB330M, WB4530M & WB230MVE
AND
ANCILLARY ERECTION EQUIPMENT

ILLUSTRATED PARTS CATALOGUE

BY COMMAND OF THE DEFENCE COUNCIL

Ministry of Defence

Sponsor : DDAL (RAF)

File Ref: LC/520111/064

Publications Authority : SM88(RAF)

CONTENTS

Preliminary Material

Title Page	Page (i)
Amendment Record	Page (iii)
Contents (This Page)	Page (v/vi)
Preface	Page (vii)
Symbols	Page (x)
Abbreviations	Page (xii)

Chapters

1	Index of Assemblies and Sub-Assemblies
2	Parts List - H F Wideband Conical Antennae and Ancillary Erection Equipment
2-1	Parts List - H F Wideband Conical Antennae
2-1-1	Parts List - Antenna WB230M 5985-99-618-0841 (SEE118575)
2-1-2	Parts List - Antenna WB330M 5985-99-626-9337 (90G105788)
2-1-3	Parts List - Antenna WB4530M 5985-99-776-8776 (SCSHQ162686)
2-1-4	Parts List - Antenna WB230MVE (4SL/34615)
2-1-4-1	Parts List - Antenna Curtain (4SL/34629)
2-1-4-2	Parts List - Support Mast (4SL/34585)
2-2	Parts List - Ancillary Erection Equipment (90G114604)
3	Index of NATO Stock Numbers
4	Index of Manufacturers Part/Drawing No. to NATO Stock Numbers

PREFACE

Introduction

1. This Illustrated Parts Catalogue (IPC) is designed as an aid to the identification of component parts or assemblies of parts of the equipment and to provide the information necessary for the demanding of spares.

2. This IPC may list some or all of the parts comprising the equipment concerned but only those parts given a NATO Stock Number will normally be available as spares. Should there be a requirement for an item not assigned a number, demands may be submitted quoting the code number of the publication, item number, figure reference and item name. Where a manufacturer's number is known, this should also be quoted.

Quantities

3. The figure in the 'Number-off' column specifies the quantity used, in one off of the next higher assembly.

Demands

4. Demands are to be submitted in accordance with current instructions contained in AP 830, Vol 1 (7th Edn), part 2B, leaflet BAG7/1, 2nd Issue. For Test Equipment, the terms of AP3413, Vol 1, Part 1 must also be complied with.

Modification state

5. When appropriate, a list at the front of each chapter or sub-chapter will indicate the modification numbers which have been incorporated in this IPC.

Amendments

6. Amendments to this IPC will be published from time to time. They will be numbered consecutively and the 'Amendment Record' is to be completed for each amendment embodied.

Abbreviations

7. See separate list at the end of preface.

Annotations

8. AR in the 'number-off' column, indicates that the quantity is 'as required'.

Cct Ref ... indicates circuit reference.

Cos/Los ... indicates Class of Store and Line of Servicing.

NI in the Fig-item column, indicates item not illustrated.

Ref..... in the 'number-off' column, indicates items shown for reference purposes only.

SOT in the item description column, indicates that component parameter is selected on test, e.g.resistor ohmic value to be selected from a range of listed values.

Cal in the left hand margin, indicates that in equipments subject to re-calibration, replacement of such items may make re-calibration of the equipment necessary prior to Service use.

Indentation

9. Items are listed in a logical assembly/dis-assembly order and are indented to show the relationship of the item using the 'Dot'system.

Viz:-

MAIN ASSEMBLY

Attaching parts for main assembly

- . FIRST LEVEL OF BREAKDOWN (sub-assembly or detail part of main assembly)
- . Attaching parts for first level
- .. SECOND LEVEL OF BREAKDOWN (sub-sub-assembly or detail part of sub-assembly)
- .. Attaching parts for second level
- ... THIRD LEVEL OF BREAKDOWN (sub-sub-sub-assembly or detail part of sub-sub-assembly)
- ... Attaching parts for third level

Notes to Royal Air Force users

10 a. Reporting of Unsatisfactory Features Observations on and suggested amendments to this publication should be reported in accordance with AP 100B-01, Order Nos 0504/0505, to Headquarters Logistics Command, SMS 88(RAF) through Command Headquarters. Additionally, user formations may consider, after experience with the equipment concerned, that the information available at the time of printing of this publication could be revised. Points covered might include, for example:

- (i) Recommended alterations to lines of servicing.
- (ii) Errors in item description and/or referencing.
- (iii) Omission of an item (or items).

b. Class of Store and Maintenance Code. In Chapter 2, against each item is shown the class of store, with the addition of a numeral, viz: P1, L2, C3. The numeral indicates the lowest line of servicing at which the item is normally available as a spare, except as in sub-para (c) below.

c. Detail part spares ranged for third line may be demanded for replacement at first or second line to meet specific repair tasks provided they can be fitted without the provision of third line tools and test equipment.

d. Class P stores are controlled by the appropriate Ministry of Defence Supply Management Branch and are not to be demanded unless specially authorised. Items in this class are normally exchanged on a one-for-one basis between the three lines of servicing for repair purposes.

e. Security Graded Equipment. Complete equipments, or any part thereof, having a security grading of Restricted or higher, are not to be disposed of to the public without the prior consent of the Ministry of Defence.

Publications

11. Approved Alternatives (JSP 399)

11.1 An approved alternative item identified in JSP 399 is shown below the original item in the Chapter 2 with the NSN in the NATO Stock No column and the words - JSP 399 - shown on the line below in the same column.

12. a. Associated Air Publications N/A

b. Queries relating to this publication should be forwarded to the Publication Management Authority, quoting the Reference shown on the front cover, whose address is:

Headquarters Logistics Command
SM88J(RAF)
Palmer Pavilion
RAF Wyton
PO Box 69
HUNTINGDON
CAMBS PE17 2DL



WARNING



1. Some of the items, or the materials, listed in this publication are hazardous to health and/or safety and therefore require special handling. Other items, although not posing a hazard to health or safety, may be damaged unless specially handled.

2. Such items are identified in the text of Chapters 2 by adding, at the end of the Items Description, a triangle with the appropriate Warning Number inside. Details of the particular hazards and/or handling requirements are listed below.

3. WARNING NO. HAZARD/HANDLING

1 BERYLLIUM/BERYLLIA

This item contains Beryllium/Beryllia which, under certain circumstance can give off toxic fumes or dust. Handle in accordance with AP 110B-10 Data Sheet S 1802.

2 CADMIUM

This item contains cadmium which, when subjected to some processes or conditions, gives off toxic fumes and/or dust. Handle in accordance with AP 100B-10 Data Sheet S 1804.

3 PTFE

This item contains PTFE which, when heated or machined, gives off toxic fumes or dust. Handle in accordance with AP 100B-10 Data Sheet S 2600.

4 MERCURY

This item contains mercury which is poisonous and corrosive. Handle in accordance with AP 100B-10 Data Sheet S 1806.

5 RADIO ACTIVE MATERIAL

This item contains Radio Active Material. Handle, store and dispose of in accordance with AP 4687A, Vol 2.

6 CATHODE RAY TUBE (CRT)

The risk of implosion is greatly increased if the CRT glass is scratched or scored. Handle in accordance with AP 100B-01, Order No. 1801.

7 CONFORMAL COATING

This item has a conformal coating. When worked, this coating may give off toxic fumes or dust. Handle in accordance with current instructions*.

- | <u>WARNING NO.</u> | <u>HAZARD/HANDLING</u> |
|--------------------|--|
| 8 | <u>STATIC SENSITIVE DEVICE</u>
This item is static sensitive. To avoid it being damaged handle in accordance with AP 100B-01 Order DO 1808 |
| 9 | <u>MAGNET</u>
This item contains magnetic material which may require special handling, storage or despatch. Handle in accordance with JSP(F)395. |
| 10 | <u>PINPOINT BEARINGS</u>
This item contains pin point bearings which may be damaged if left at rest in one position for prolonged periods. Exercise regularly in accordance with current instructions*. |
| 11 | <u>LITHIUM BATTERY</u>
This item contains Lithium and a variety of hazardous chemicals. If permitted to vent, can release an irritant gas or a corrosive substance and may be subject to spontaneous ignition. Handle, store and dispose of in accordance with AP 100B-10 Data Sheet S 0600. |
| 12 | <u>ASBESTOS/MAN-MADE MINERAL FIBRES</u>
This item contains asbestos/man-made mineral fibres. These substances, when machined or worked, can release dust which, if inhaled, is hazardous to health. Handle and dispose of in accordance with AP119A-0513-1 Chapters 3-1 and 3-2. |
| 13 | <u>IONIZED OZONE</u>
This equipment utilises heat operated recording paper which gives off slightly toxic fumes. Use only as instructed*. |
| 14 | <u>POLYCHLORINATED BIPHENOLS</u>
This fluid used in capacitors and transformers can produce toxic fumes. Handle, store and dispose of in accordance with AP 100B-10 Data Sheet S 2300. |
| 15 | <u>VITON 'O' RINGS</u>
Viton is a fluoroelastomer, i.e. it is a synthetic rubber-like material containing fluorine. It is commonly used for gaskets, 'O' rings and seals of various kinds. Although VITON is the most well known fluoroelastomer there are others including those using trade names 'Fluorel' and 'Tecnoflon'. When used under their design conditions they are perfectly satisfactory and safe. However if exposed to a temperature of 400°C or higher, the material does not burn but decomposes, and one of the products formed is hydrofluoric acid. This acid is extremely corrosive and is almost impossible to remove once it contaminates the skin. Action is in accordance with BR 2000(20), Article 0812* and AP 100B-10 Data Sheet S 2602. |

* Wording will be amended to refer the user of this publication to the appropriate safety and/or engineering order when published.

ABBREVIATIONS

A	Ampere	Ca	Calcium
A/A	Any acceptable	cap.hd	Capstan Head
aac	Automatic Amplitude Control	ccw	Counterclockwise
ac	Alternating current	Cd	Cadmium
A/F	Across Flats	ch hd	Cheese Head
A/F	Audio Frequency	CI	Cast Iron
AFC.....	Automatic Frequency Control	circ	Circumference
Ag	Silver	CL	Centre Line
AGC.....	Automatic Gain Control	Cl	Chlorine
Al	Aluminium	Cm.....	Curium
Al B	Aluminium Bronze	Co	Cobalt
AM.....	Amplitude Modulation	coeff	Coefficient
AMC.....	Automatic Modulation Control	c of g	Centre of Gravity
apc	Automatic Phase Control	conc.....	Concentrated
Ar	Argon	cp	Candle Power
As	Arsenic	Cr	Chromium
asb	Asbestos	crs	Corrosion Resistant Steel
assy	Assembly	crt	Cathode Ray Tube
ATC.....	Automatic Tuning Control	Cs	Caesium
Au	Gold	csk	Countersunk
avg	Average	c/s	Cycles per Second (see also Hertz)
AWG.....	American Wire Gauge	C/sq m	Coulomb per Square Metre
b	Breadth	CT.....	Centre Tapped
BA.....	British Association Screw Thread	c to c	Centre to Centre
Ba	Barium	Cu	Copper
BDC.....	Bottom Dead Centre	cu	Cubic
Be	Beryllium	CV.....	Common Valve
bhp	Brake Horse Power	CW.....	Continuous Wave
Bi	Bismuth	cw	Clockwise
br	Brass	c/w	Complete with
BSF.....	British Standard Fine Thread	cwt	Hundredweight
BSP.F.....	British Standard Pipe, Fastening Thread	cwt	Hundredweight (long) (112 pounds avoirdupois)
BSP.L.....	British Standard Pipe, Longscrew Thread	d	Deci (one tenth)
BSP.PL....	British Standard Pipe, Parallel, Jointing Thread	da	Deca (ten)
BSP.Tr.,EXT	British Standard Pipe, Taper, External, Jointing Thread	dB	Decibel
BSP.Tr.,INT	British Standard Pipe, Taper, Internal, Jointing Thread	dBm.....	Decibel relative to one milliwatt
BSW	British Standard Whitworth Thread	dBV/m.....	Decibel relative to one volt per metre
Btu	British Thermal Unit	dBW.....	Decibel relative to one watt
C	Capacitance	dc	Direct Current
C	Celsius (Centigrade)	dcg	Decigram (1/10th gram)
c	Centi (one hundredth)	deg	Degree
		deg A	Degree Angstrom
		deg C	Degree Celsius
		deg F	Degree Fahrenheit
		deg K	Degree Kelvin
		deg R	Degree Rankine
		DF.....	Direction Finding

ABBREVIATIONS

doz	Dozen	He	Helium
dp	Double-Pole	het	Heterodyne
dpdt	Double-Pole,Double-Throw	hex	Hexagon(al)
dpst	Double-Pole,Single-Throw	Hf	High Frequency
dsb	Double Sideband	Hg	Mercury
dt	Double Throw	hp	Horse Power
dwg	Drawing	HSS.....	High Speed Steel
dyn	Dyne	ht	High Tension
e.g.	For Example	HTP.....	High Test Peroxide
EHF.....	Extremely High Frequency	HTS.....	High Tensile Steel
ehp	Effective Horse Power	Hz	Hertz (see also c/s)
eht	Extra High Tension	I	Iodine
emf	Electromotive Force	id	Inside Diameter
enam.....	Enamelled	IF	Intermediate Frequency
EP	Extreme Pressure	ihp	Indicated Horse-power
eV	Electronvolt	In	Indium
exp	Expansion	in	Inch
ext	External	int	Internal
F	Fahrenheit	int fr	Internally Frosted
F	Farad	Ir	Iridium
f	Frequency	J	Joule
Fe	Iron	K	Potassium
fil	Filament	k	Kilo (one thousand)
flex	Flexible	kc	Kilocycle
fl oz(UK) ..	FLuid Ounce (UK)	kev	Kilo Electronvolt
fl oz(US) ..	FLuid Ounce (US)	kg	Kilogramme (mass)
FM.....	Frequency Modulation	km.....	Kilometre
FSD.....	Full Scale Deflection	Kr	Krypton
fsk	Frequency-shift Keying	Kv	Kilovolt
ft	Foot	kva	Kilovolt-Ampere
g	Acceleration due to gravity (local acceleration of free fall)	Kw.....	Kilowatt
G.....	Giga (one thousand million)	l	Litre
g	Gramme	lb	Pound (avoirdupois) (mass)
Ga.....	Gallium	lbf	Pound - force
gal	Gallon	LF	Low Frequency
galv	Galvanised	lg	Length (long)
gc/s	Gigacycle per Second	lh	Left Hand
Gd.....	Gadolinium	Li	Lithium
Ge.....	Germanium	liq pt(US) .	Liquid Pint (US)
gr	Grain	Litz	Litzendraht (wire)
H	Hydrogen	Lm.....	Lumen
h	Hecto (one hundred)	log	Logarithm (ic)
h	Height	Lu	Lutetium
H	Henry	lx	Lux
h	High	M.....	Mega (one million)
h	Hour	m.....	Metre
hd	Head	m.....	Milli (one thousandth)
		mA.....	Milliampere
		mag	Magneto
		max.....	Maximum
		mb.....	Millibar

ABBREVIATIONS

Mc.....	Megacycle	ohms/V....	Ohms per Volt
mcr.....	Maximum Continuous Rating	oz.....	Ounce (avoirdupois)(mass)
MCW.....	Modulated Continuous Wave	P.....	Phosphorous
mep.....	Mean Effective Pressure	p.....	Pico (one million-millionth)
Mc/s.....	Megacycle per Second	Pb.....	Lead
MeV.....	Mega Electronvolt	pf.....	Power Factor
mfg.....	Manufacturing	phos B....	Phosphor Bronze
mfr.....	Manufacturer	pkg.....	Package(d)
Mg.....	Magnesium	P/O.....	Part of
min.....	Minimum	PORM.....	Plus or Minus
min.....	Minute (time)	p-p.....	Peak to Peak
Mk.....	Mark	ppp.....	Peak Pulse Power
MKSA.....	Metre, Kilogramme, Second Ampere (system of units)	ppm.....	Part per Million
ml.....	Millilitre	PRF.....	Pulse Recurrence Frequency
mm.....	Millimetre	p/s.....	Pulse per Second
mmf.....	Magnetomotive Force	msi.....	Pound-Force per Square inch
mm Hg....	Millimetre of Mercury (conventional)	Pt.....	Platinum
Mn.....	Manganese	pt.....	Pint
Mn B.....	Manganese Bronze	PTFE.....	Polytetrafluoroethylene
mp.....	Melting Point	Pu.....	Plutonium
MS.....	Mild Steel	PVC.....	Polyvinyl Chloride
M/S.....	Metre per Second	qt.....	Quart
mtd.....	Mounted	qtr.....	Quarter
mtg.....	Mounting	qty.....	Quantity
MTI.....	Moving Target Indicator	r.....	Rontgen
MTS.....	Metre, Tonne, Second (system of Units)	Ra.....	Radium
n.....	Nano (one thousand millionth)	rad.....	Radian
N.....	Newton	rad.....	Radian
N.....	Number of Turns	rad/s.....	Radian per Second
N.....	Nitrogen	rd.....	Round
N/A.....	Not Applicable	RES.....	Resistance
Na.....	Sodium	rev/min...	Revolutions per Minute
Nb.....	Niobium	RF.....	Radio Frequency
NC.....	American Coarse Thread	Rh.....	Rhodium
Nd.....	Neodymium	rh.....	Right Hand
Ne.....	Neon	rms.....	Root Mean Square
NEF.....	American National Extra Fine Thread	S.....	Sulphur
neg.....	Negative	s.....	Second(time)
NF.....	American National Fine Thread	Sb.....	Antimony
Ni.....	Nickel	SHF.....	Super High Frequency
NP.....	Nickel Plate	Si.....	Silicon
Np.....	Neptunium	Sn.....	Tin
O.....	Oxygen	sol.....	Soluble
o/a.....	Over-all	sp.....	Single-Pole
od.....	Outside Diameter	spdt.....	Single-Pole, Double-Throw
		spst.....	Single-Pole, Single-Throw
		Sr.....	Strontium
		ssb.....	Single Sideband
		st.....	Single-Throw

ABBREVIATIONS

std	Standard	Xe	Xenon
stp	Standard Temperature and Pressure	yd	Yard
SWG.....	Standard Wire Gauge	Zn	Zinc
SWL	Safe Working Load	Zr	Zirconium
t	Tonne		
Ta	Tantalum		
TDC	Top Dead Centre		
temp	Temperature		
Th	Thorium		
thd	Thread(ed)		
thk	Thick(ness)		
Ti	Titanium		
tn	Ton (long) (2240 pounds avoirdupois)		
tpi	Threads Per Inch		
TS.....	Tensile Strength		
tub	Tubular		
U	Uranium		
μ	Micro (one millionth)		
μH.....	Microhenry		
UHF.....	Ultra High Frequency		
UNC.....	Unified Coarse Thread		
UNEF.....	Unified Extra Fine Thread		
UNF.....	Unified Fine Thread		
unmtd.....	Unmounted		
UNS.....	Unified Special Thread		
unthd.....	Unthreaded		
μ-sec	Microsecond		
u/w	Used With		
V	Vanadium		
V	Volt		
vac	Vacuum		
VAR.....	Reactive Volt Ampere		
var	Variable		
VHF.....	Very High Frequency		
vol	Volume		
VSWR.....	Voltage Standing Wave Ratio		
vu	Volume Unit		
W.....	Watt		
W.....	Tungsten		
w	Width		
Wb	Weber		
WH.....	Watt Hour		
Whit	Whitworth		
wkg	Working		
w/o	Without		
wp.....	Working Pressure		
wt	Weight		
X	Magnification		

CHAPTER 1
INDEX OF ASSEMBLIES AND SUB-ASSEMBLIES

FIG. ITEM No.	CCT REF.	N.A.T.O. Stock No.	ITEM NAME (For Full Details see Chapter 3)	Class of Store & Line of Service (COS LOS)	No. Off
NI-1		-	H. F. Wideband Conical Antennae	--	Ref
NI-2		5985-99-618-0841	. ANTENNA (for spares breakdown see Chap 2-1-1)	--	1 Ref
NI-3		5985-99-626-9337	. ANTENNA (for spares breakdown see Chap 2-1-2)	--	1 Ref
NI-4		5985-99-776-8776	. ANTENNA (for spares breakdown see Chap 2-1-3)	--	1 Ref
NI-5		-	. Antenna, Long/Medium Range (WB230MVE) (for spares breakdown see Chap 2-1-4)	--	1 Ref

CHAPTER 1
INDEX OF ASSEMBLIES AND SUB-ASSEMBLIES

H F WIDEBAND CONICAL
ANTENNAE & ANCILLARY
ERECTION EQUIPMENT

CHAP 2

H F WIDEBAND CONICAL
ANTENNAE

CHAP 2-1

ANCILLARY ERECTION
EQUIPMENT

90G114604
CHAP 2-2

ANTENNA
WB230M
5985-99-618-0841
SEE118575
CHAP 2-1-1

PULLING AND LIFTING
MACHINE
3950-99-201-3244
T7
See AP119K-0614-15F

ANTENNA
WB330M
5985-99-626-9337
90G105788
CHAP 2-1-2

WIRE ROPE ASSEMBLY,
SINGLE LEG
4010-99-523-8369
IS29010020
See AP119K-0611-15F

ANTENNA
WB4530M
5985-99-776-8776
SCSHQ162686
CHAP 2-1-3

ANTENNA, LONG/MEDIUM
RANGE
WB230MVE
4SL/34615
CHAP 2-1-4

INDEX OF ASSEMBLIES AND SUB-ASSEMBLIES

ITEM	MAN CODE	N.A.T.O. Stock No.	ITEM NAME	PART No./ DRAWING No.	Location in Chap 2 or Separate Schedule Number
1		-	Ancillary Erection Equipment	90G114604	2-2
2		5985-99-618-0841	ANTENNA WB230M	SEE118575	2-1-1
3		-	Antenna WB230MVE	4SL/34615	2-1-4
4		5985-99-626-9337	ANTENNA WB330M	90G105788	2-1-2
5		5985-99-776-8776	ANTENNA WB4530M	SCSHQ162686	2-1-3
6		-	H F Wideband Conical Antennae	-	2-1
7		-	H F Wideband Conical Antennae & Ancillary Erection Equipment	-	2
8		3950-99-201-3244	PULLING AND LIFTING MACHINE	T7	AP119K-0614-15F
9		4010-99-523-8369	WIRE ROPE ASSEMBLY, SINGLE LEG	IS29010020	AP119K-0611-15F

CHAPTER 2
PARTS LIST

CHAPTER 2
PARTS LIST
H F Wideband Conical Antennae &
Ancillary Erection Equipment

FIG. ITEM No.	CCT REF.	N.A.T.O. Stock No.	ITEM NAME (For Full Details see Chapter 3)	Class of Store & Line of Service (COS LOS)	No. Off
NI-1		-	H.F. Wideband Conical Antennae & Ancillary Erection Equipment	—	Ref
NI-2		-	. H.F. Wideband Conical Antennae (for spares breakdown see Chap 2-1)	—	1 Ref
NI-3		-	. Ancillary Erection Equipment (for spares breakdown see Chap 2-2)	—	1 Ref

CHAPTER 2-1
PARTS LIST
H F Wideband Conical Antennae

FIG. ITEM No.	CCT REF.	N.A.T.O. Stock No.	ITEM NAME (For Full Details see Chapter 3)	Class of Store & Line of Service (COS LOS)	No. Off
NI-1		-	H. F. Wideband Conical Antennae	--	Ref
NI-2		5985-99-618-0841	. ANTENNA (for spares breakdown see Chap 2-1-1)	--	1 Ref
NI-3		5985-99-626-9337	. ANTENNA (for spares breakdown see Chap 2-1-2)	--	1 Ref
NI-4		5985-99-776-8776	. ANTENNA (for spares breakdown see Chap 2-1-3)	--	1 Ref
NI-5		-	. Antenna, Long/Medium Range (WB230MVE) (for spares breakdown see Chap 2-1-4)	--	1 Ref

CHAPTER 2-1-4
PARTS LIST
Antenna WB230MVE
(4SL/34615)

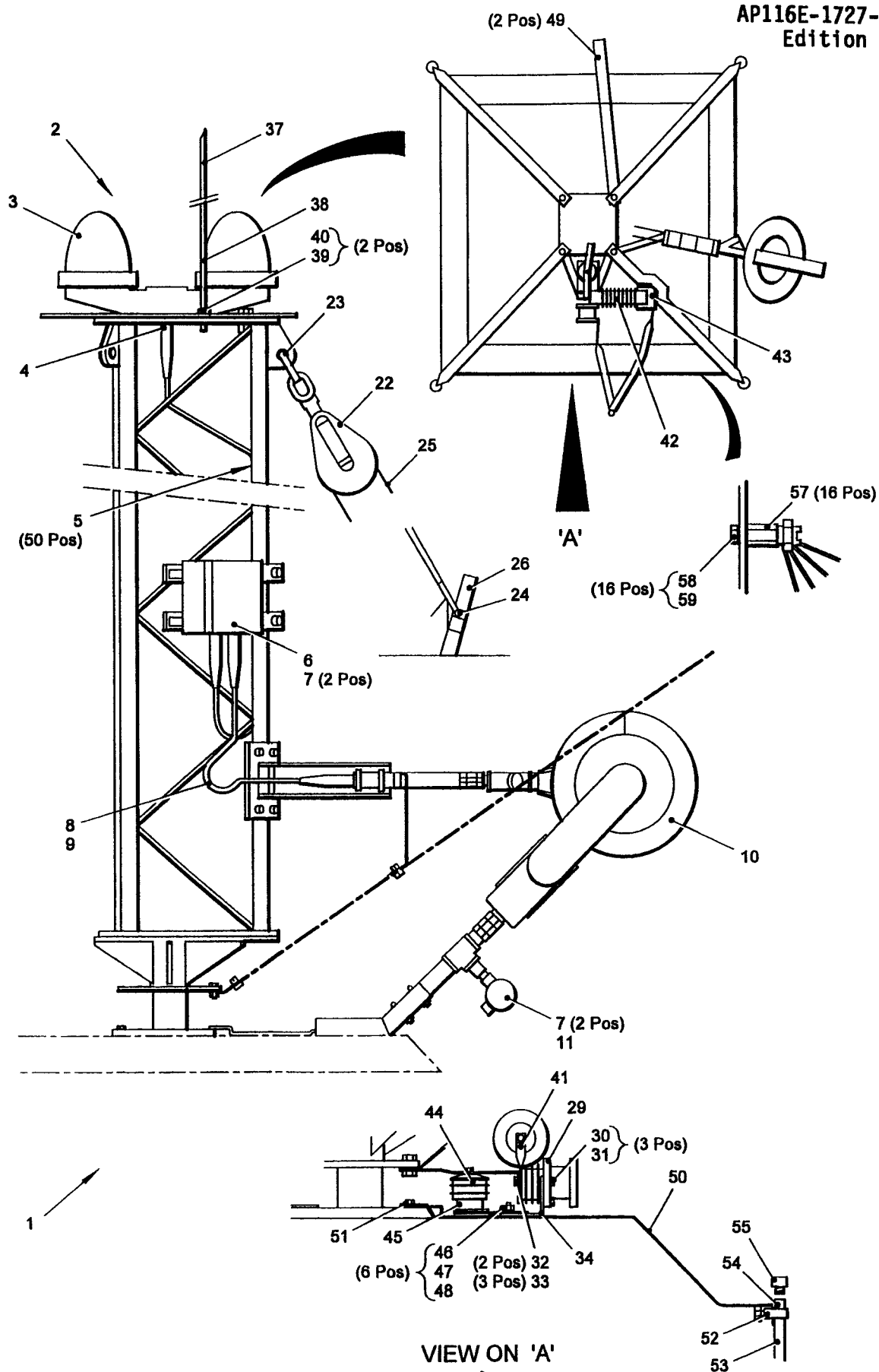


FIG.1 Antenna, Long/Medium Range

WB230MVE

Antenna, Long/Medium Range WB230MVE

FIG. ITEM No.	CCT REF.	N.A.T.O. Stock No.	ITEM NAME (For Full Details see Chapter 3)	Class of Store & Line of Service (COS LOS)	No. Off
1-1		-	Antenna, Long/Medium Range (WB230MVE)	--	1 Ref
1-2		-	. Obstruction Lighting (4SL/34543)	--	1 Ref
1-3		6210-99-991-2520	. . LIGHT, MARKER, AIRCRAFT OBSTRUCTION	C3	1
1-4		5975-99-127-4778	. . ADAPTOR, ELECTRICAL CONDUIT	C3	1
1-5		5340-99-500-8471	. . CLIP, SPRING TENSION	C3	50
1-6		5920-99-781-3981	. . FUSE, CARTRIDGE	C3	1
1-7		5905-99-996-0749	. . RESISTOR, VOLTAGE SENSITIVE	C3	4
1-8		-	. . Cable Assembly (4SL/35182)	--	1 Ref
1-9		5975-99-126-6381	. . . STUFFING TUBE	C3	1
1-10		-	. . Isolating Transformer (A-07D1)	--	1 Ref
1-11		4730-99-812-2109	. . ADAPTER, STRAIGHT, PIPE TO TUBE	C3	1
NI-12		5940-99-786-6164	. . TERMINAL, LUG	C3	1
NI-13		6210-99-664-5781	. . LENS, LIGHT	C3	1
NI-14		-	. Safety Rail Kit (4SL/34552)	--	1 Ref
NI-15		-	. . Safety Rail Kit (4SL/30006)	--	11 Ref
NI-16		5306-99-852-8875	. . BOLT, MACHINE	C3	1
NI-17		4240-99-219-4730	. . HARNESS, SAFETY, INDUSTRIAL	--	1 Ref
NI-18		4240-99-203-8719	. . TROLLEY	--	1 Ref
NI-19		-	. Antenna - Med/Long Range, Omni-Directional (4SL/34541)	--	1 Ref

FIG. ITEM No.	CCT REF.	N.A.T.O. Stock No.	ITEM NAME (For Full Details see Chapter 3)	Class of Store & Line of Service (COS LOS)	No. Off
NI-20		-	. . Antenna Curtain (4SL/34629) (for spares breakdown see Chap 2-1-4-1)	--	1 Ref
NI-21		-	. . Running Line Kit (4SL/34586)	--	1 Ref
1-22		3940-99-519-7422	. . . BLOCK, TACKLE (COMPLETE WITH TEST CERTIFICATE)	C3	1
1-23		4030-99-500-8545	. . . SHACKLE 1140lbs (COMPLETE WITH TEST CERTIFICATE)	C3	1
1-24		4030-99-624-5499	. . . SHACKLE	C3	1
1-25		4020-99-933-1559	. . . ROPE, FIBROUS 6mm dia 1250lbs	C3	74 MTRS
1-26		4030-99-618-9325	. . . STAKE, GUY	C3	1
NI-27		-	. . Support Mast (4SL/34585) (for spares breakdown see Chap 2-1-4-2)	--	1 Ref
NI-28		-	. . Input Connector (4SL/33369)	--	1 Ref
1-29		5820-99-630-4269	. . . ADAPTOR, ANTENNA TO TRANSMITTER	C3	1
1-30		5305-99-563-6110	. . . SCREW, CAP, HEXAGON HEAD M8 x 20	C3	3
1-31		5310-99-702-5626	. . . WASHER, FLAT 8.7mm	C3	3
1-32		5310-99-219-5462 NUT, PLAIN, HEXAGON	C3	2
1-33		5310-99-661-2761 WASHER, FLAT 0.27in	C3	3
1-34		-	. . . Bracket - Support (3/33372)	--	1 Ref
NI-35		9525-99-630-0228	. . WIRE	C3	2

FIG. ITEM No.	CCT REF.	N.A.T.O. Stock No.	ITEM NAME (For Full Details see Chapter 3)	Class of Store & Line of Service (COS LOS)	No. Off
NI-36		-	. EMP & Lightning Protection Equipment (4SL/34548)	--	1 Ref
1-37		-	. . Lightning Spike (4SL/22890)	--	1 Ref
1-38		5920-99-464-7201	. . . LIGHTNING ROD	C3	1
1-39		5310-99-626-9314	. . . NUT	C3	2
1-40		5310-99-626-9313	. . . WASHER, FLAT 0.656in	C3	2
1-41		5340-99-052-2485	. . CAP, PROTECTIVE, DUST AND MOISTURE SEAL	C3	1
1-42		5905-99-842-2620	. . RESISTOR, STATIC DRAIN	C3	1
1-43		5340-99-591-4501	. . BRACKET, ANGLE	C3	1
1-44		5985-99-030-9594	. . FEED, RESISTOR	C3	1
1-45		5920-99-663-9297	. . ARRESTER, LIGHTNING	C3	1
1-46		5305-99-973-3887	. . SCREW, MACHINE M4 x 10	C3	6
1-47		5310-99-861-9745	. . NUT, PLAIN, HEXAGON M4	C3	6
1-48		5310-99-629-8768	. . WASHER, FLAT M4	C3	6
1-49		-	. . Mast Base Earthing (4SL/6608)	--	2 Ref
1-50		5999-99-812-2117	. . . STRIP, ELECTRICAL GROUNDING	C3	1
1-51		5310-99-626-9313	. . . WASHER, FLAT 0.656in	C3	1
1-52		5940-99-851-2089	. . . SPLICE, CONDUCTOR	C3	1
1-53		5975-99-500-8538	. . . ROD SECTION, GROUND	C3	1
1-54		5975-99-352-5320	. . . COUPLING ROD, GROUND	C3	1
1-55		5305-99-591-4322	. . . SCREW, CAP, SOCKET HEAD	C3	1

FIG. ITEM No.	CCT REF.	N.A.T.O. Stock No.	ITEM NAME (For Full Details see Chapter 3)	Class of Store & Line of Service (COS LOS)	No. Off
NI-56		-	. Earth Mat (4SL/33375)	--	1 Ref
1-57		5940-99-973-3997	. . SPLICE CONDUCTOR	C3	16
1-58		5305-99-702-5671	. . SCREW, CAP, HEXAGON HEAD M6 x 12	C3	16
1-59		5310-99-535-5630	. . WASHER, FLAT M6	C3	16
NI-60		5306-99-594-5715	. . SCREW, CAP, HEXAGON HEAD M10 x 25	C3	4
NI-61		5310-99-792-5359	. . NUT, PLAIN, HEXAGON M10	C3	4
NI-62		-	. Bolt-N (c/w Full Nuts & Plain Washers)	--	1 Ref

CHAPTER 2-1-4-1
PARTS LIST
Antenna Curtain
(4SL/34629)

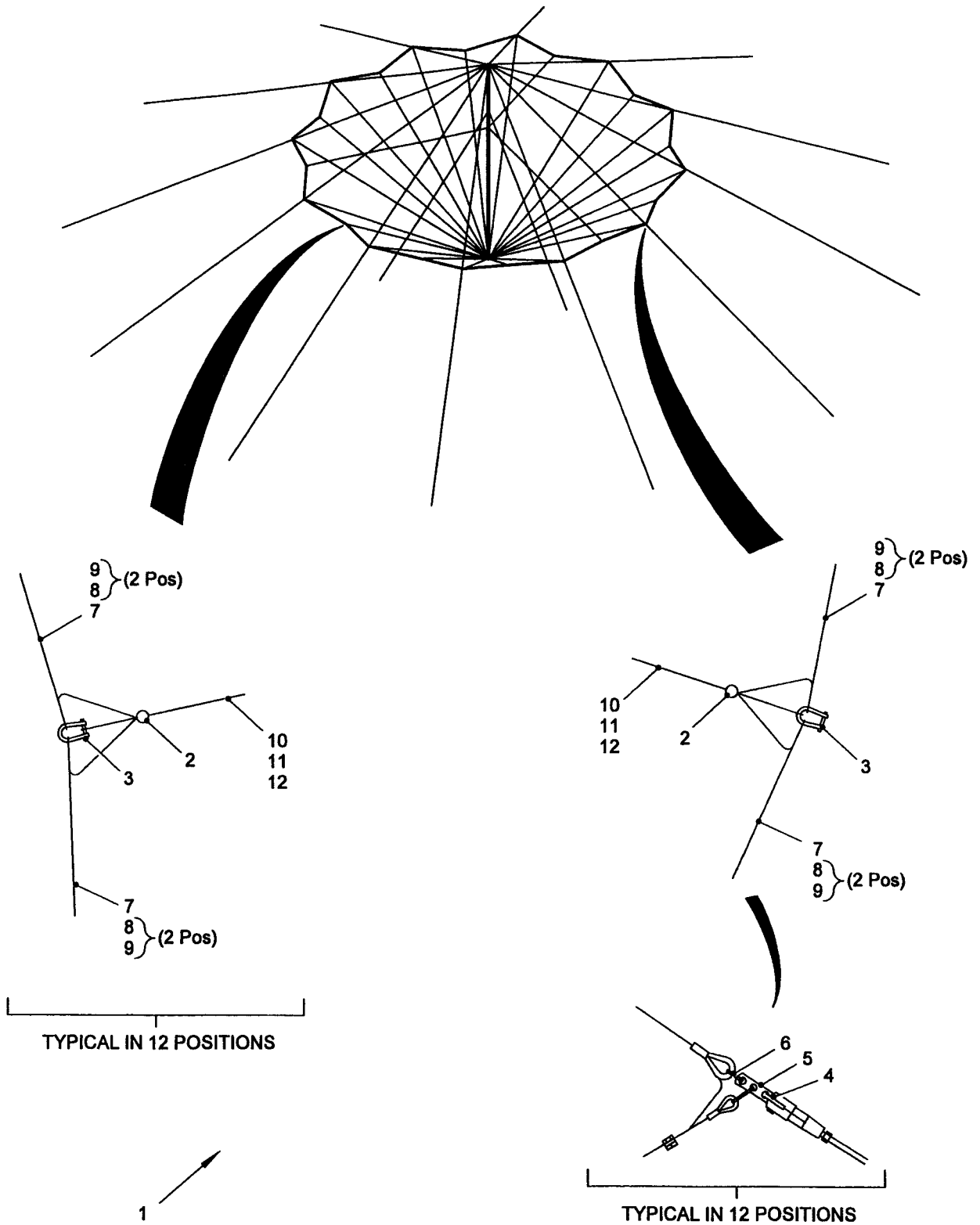


FIG.1 Antenna Curtain
4SL/34629

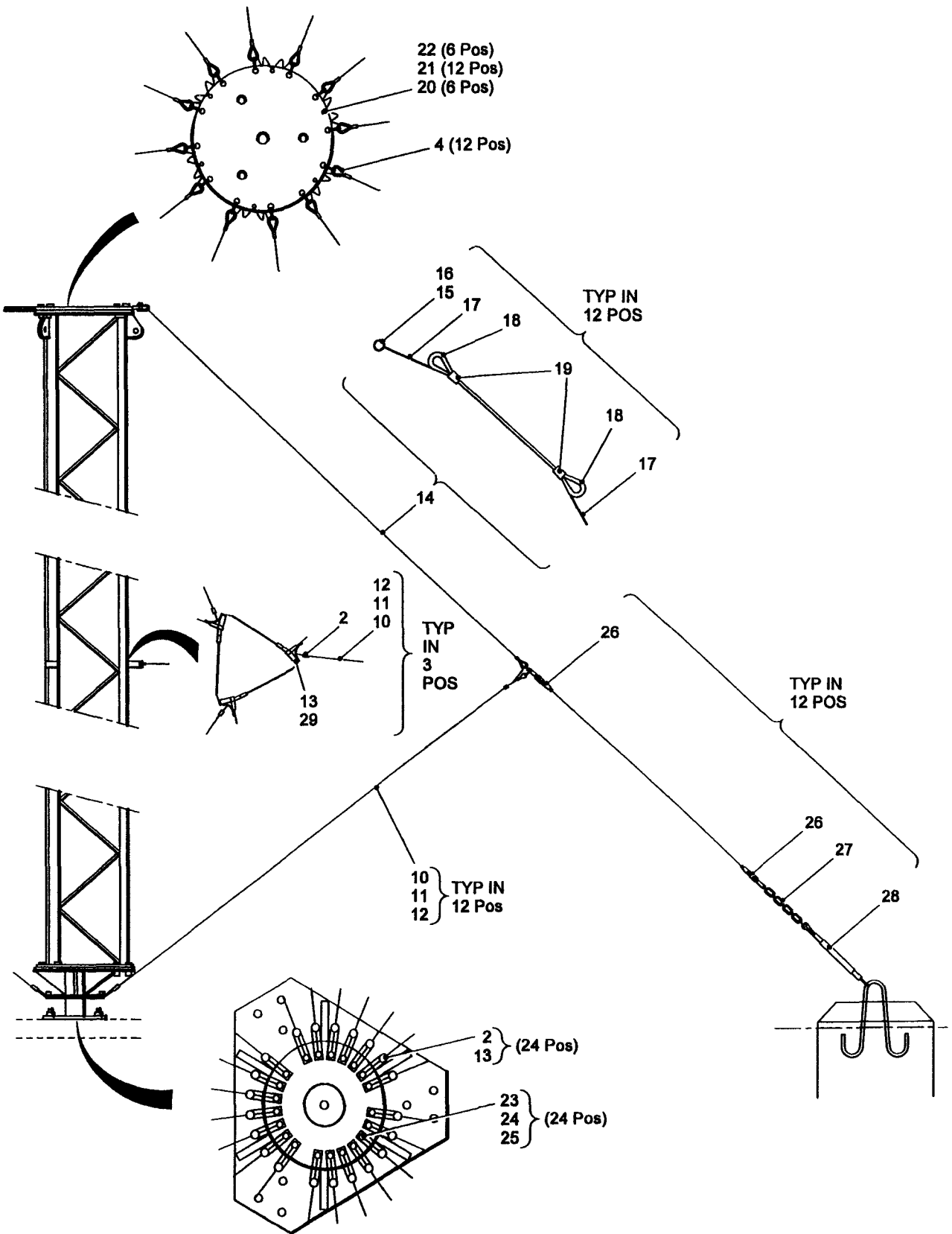


FIG.2 Antenna Curtain
4SL/34629

FIG. ITEM No.	CCT REF.	N.A.T.O. Stock No.	ITEM NAME (For Full Details see Chapter 3)	Class of Store & Line of Service (COS LOS)	No. Off
1-1		-	Antenna Curtain (4SL/34629)	--	1 Ref
1,2-2		-	. Tap - Line (Brass) (P43)	--	51 Ref
1-3		4030-99-327-4206	. SHACKLE	C3	24
1,2-4		4030-99-649-4540	. SHACKLE	C3	36
1-5		-	. Plate - Link (3/33462)	--	12 Ref
1-6		4020-99-052-5360	. ROPE, FIBROUS	C3	12
1-7		-	. Wire - Spacer (3/33461)	--	24 Ref
1-8		4030-99-075-9260	. . SWAGING SLEEVE, WIRE ROPE	C3	2
1-9		4030-99-302-1796	. . THIMBLE, ROPE	C3	2
1,2-10		-	. Wire - Antenna - Lower (3/33460)	--	24 Ref
1,2-11		4030-99-075-9260	. . SWAGING SLEEVE, WIRE ROPE	C3	1
1,2-12		4030-99-302-1796	. . THIMBLE, ROPE	C3	1
2-13		-	. Bracket (3/4588)	--	27 Ref
2-14		-	. Wire - Antenna - Upper (3/34630)	--	12 Ref
2-15		3020-99-341-8357	. . PULLEY, GROOVE	C3	1
2-16		4030-99-075-9260	. . SWAGING SLEEVE, WIRE ROPE	C3	1
2-17		6145-99-147-4404	. . WIRE, ELECTRICAL	C3	.35 Mtrs
2-18		4030-99-794-2440	. . THIMBLE, ROPE	C3	2
2-19		5305-99-391-1142	. SCREW, CAP, HEXAGON HEAD M6 x 30	C3	6

FIG. ITEM No.	CCT REF.	N.A.T.O. Stock No.	ITEM NAME (For Full Details see Chapter 3)	Class of Store & Line of Service (COS LOS)	No. Off
2-20		5310-99-535-5630	. WASHER, FLAT M6	C3	12
2-21		5310-99-841-9673	. NUT, SELF-LOCKING, HEXAGON	C3	6
2-22		5305-99-594-5714	. SCREW, CAP, HEXAGON HEAD M10 x 30	C3	24
2-23		5310-99-792-5360	. WASHER, FLAT M10, CRES	C3	24
2-24		5310-99-792-5359	. NUT, PLAIN, HEXAGON M10	C3	24
2-25		4030-99-553-2777	. TERMINAL, ROPE, SWAGING	C3	24
2-26		-	. Chain - Long Link (P123)	--	12 Ref
2-27		5340-99-630-0232	. TURNBUCKLE 1/2in	C3	12
2-28		5340-99-244-9062	. CLAMP, BEAM GRIPPING	C3	3

CHAPTER 2-1-4-2
PARTS LIST
Support Mast
(4SL/34585)

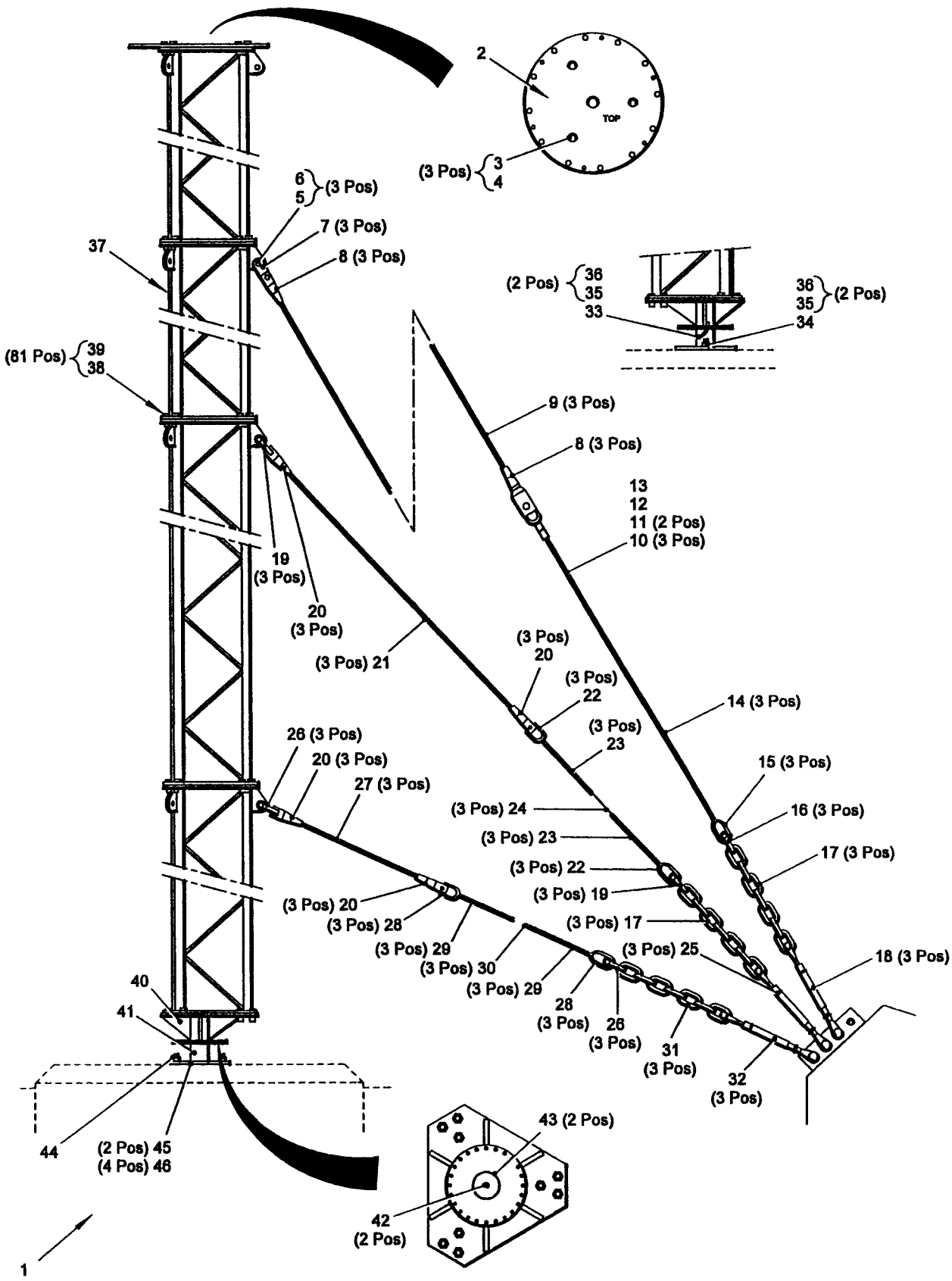


FIG.1 Support Mast
4SL/34585

FIG. ITEM No.	CCT REF.	N.A.T.O. Stock No.	ITEM NAME (For Full Details see Chapter 3)	Class of Store & Line of Service (COS LOS)	No. Off
1-1		-	Support Mast (4SL/34585)	--	1 Ref
1-2		-	. Headcap (4/34587)	--	1 Ref
1-3		-	. Washer, Spring (BJ76)	--	3 Ref
1-4		5306-99-442-6315	. BOLT, MACHINE M16 x 40	C3	3
1-5		-	. Pin (118602) 32mm dia x 41mm	--	3 Ref
1-6		5315-99-944-0183	. PIN, COTTER, SPLIT 1/8in x 1-1/4in	C3	3
1-7		-	. Link Plate (118595)	--	3 Ref
1-8		4030-99-169-0964	. TERMINAL, ROPE, SWAGING	C3	6
1-9		4020-99-535-8310	. ROPE, FIBROUS	C3	3
1-10		-	. Stay Assembly (4/34772)	--	3 Ref
1-11		4030-99-811-8851	. . SWAGING SLEEVE, WIRE ROPE	C3	2
1-12		4030-99-793-7606	. . THIMBLE, ROPE	C3	1
1-13		4010-99-350-6639	. . WIRE ROPE, STEEL	C3	1
1-14		5120-99-439-1796	. GRIP, CABLE, WOVEN	C3	3
1-15		4030-99-660-5985	. THIMBLE, ROPE	C3	3
1-16		4030-99-440-5623	. SHACKLE 5600lbs	C3	3
1-17		-	. Chain - Long Link (P26)	--	6 Ref
1-18		5340-99-173-0829	. TURNBUCKLE	C3	3
1-19		4030-99-796-2580	. SHACKLE 3920lbs	C3	6

FIG. ITEM No.	CCT REF.	N.A.T.O. Stock No.	ITEM NAME (For Full Details see Chapter 3)	Class of Store & Line of Service (COS LOS)	No. Off
1-20		4030-99-219-4656	. TERMINAL, ROPE, SWAGING	C3	12
1-21		4020-99-361-5074	. ROPE, FIBROUS	C3	3
1-22		4030-99-793-7606	. THIMBLE, ROPE	C3	6
1-23		5120-99-662-6869	. GRIP, CABLE, WOVEN	C3	6
1-24		4010-99-245-1237	. WIRE ROPE, STEEL	C3	3
1-25		5340-99-567-0916	. TURNBUCKLE	C3	3
1-26		4030-99-767-8673	. SHACKLE 1 tonne	C3	6
1-27		4020-99-361-5074	. ROPE, FIBROUS	C3	3
1-28		4030-99-780-5489	. THIMBLE, ROPE	C3	6
1-29		5120-99-203-4188	. GRIP, CABLE, WOVEN	C3	6
1-30		4010-99-883-6064	. WIRE ROPE, STEEL	C3	3
1-31		-	. Chain - Long Link (P121)	--	3 Ref
1-32		5340-99-635-5068	. TURNBUCKLE	C3	3
1-33		-	. Arrestor - Lightning Upper (4/33449)	--	1 Ref
1-34		-	. Arrestor - Lightning Lower (BF68)	--	1 Ref
1-35		-	. Nut (BJ76) M10	--	4 Ref
1-36		5310-99-461-2867	. WASHER, FLAT M10	C3	4
1-37		-	. Section - Mast (1/28974)	--	9 Ref
1-38		5306-99-983-9856	. BOLT, MACHINE	C3	81
1-39		-	. Washer, Spring (BJ76)	--	81 Ref

FIG. ITEM No.	CCT REF.	N.A.T.O. Stock No.	ITEM NAME (For Full Details see Chapter 3)	Class of Store & Line of Service (COS LOS)	No. Off
1-40		-	. Insulator - Top Plate (4/34588)	--	1 Ref
1-41		5985-99-626-9318	. INSULATOR	C3	1
1-42		5305-99-052-2231	. SCREW, MACHINE M6 x 16	C3	2
1-43		5310-99-630-5174	. WASHER, FLAT	C3	2
1-44		-	. Base Plate (4/34589)	--	1 Ref
1-45		-	. Strap - Base Connector (4/4592)	--	2 Ref
1-46		5310-99-626-9313	. WASHER, FLAT 0.656in	C3	4

CHAPTER 2-1-1
PARTS LIST
ANTENNA WB230M
5985-99-618-0841
(SEE118575)

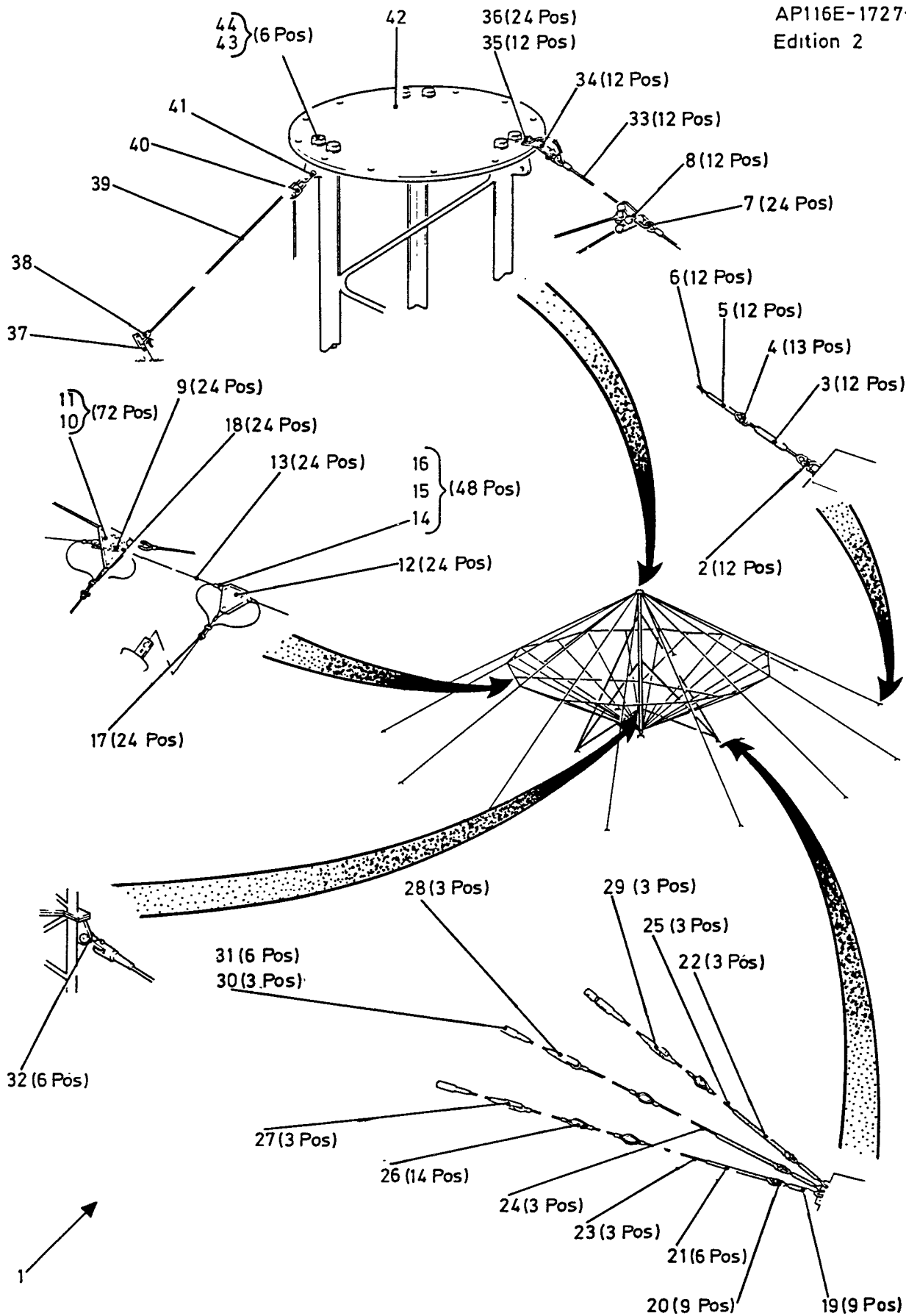


Fig.1 ANTENNA WB230M

5985-99-618-0841

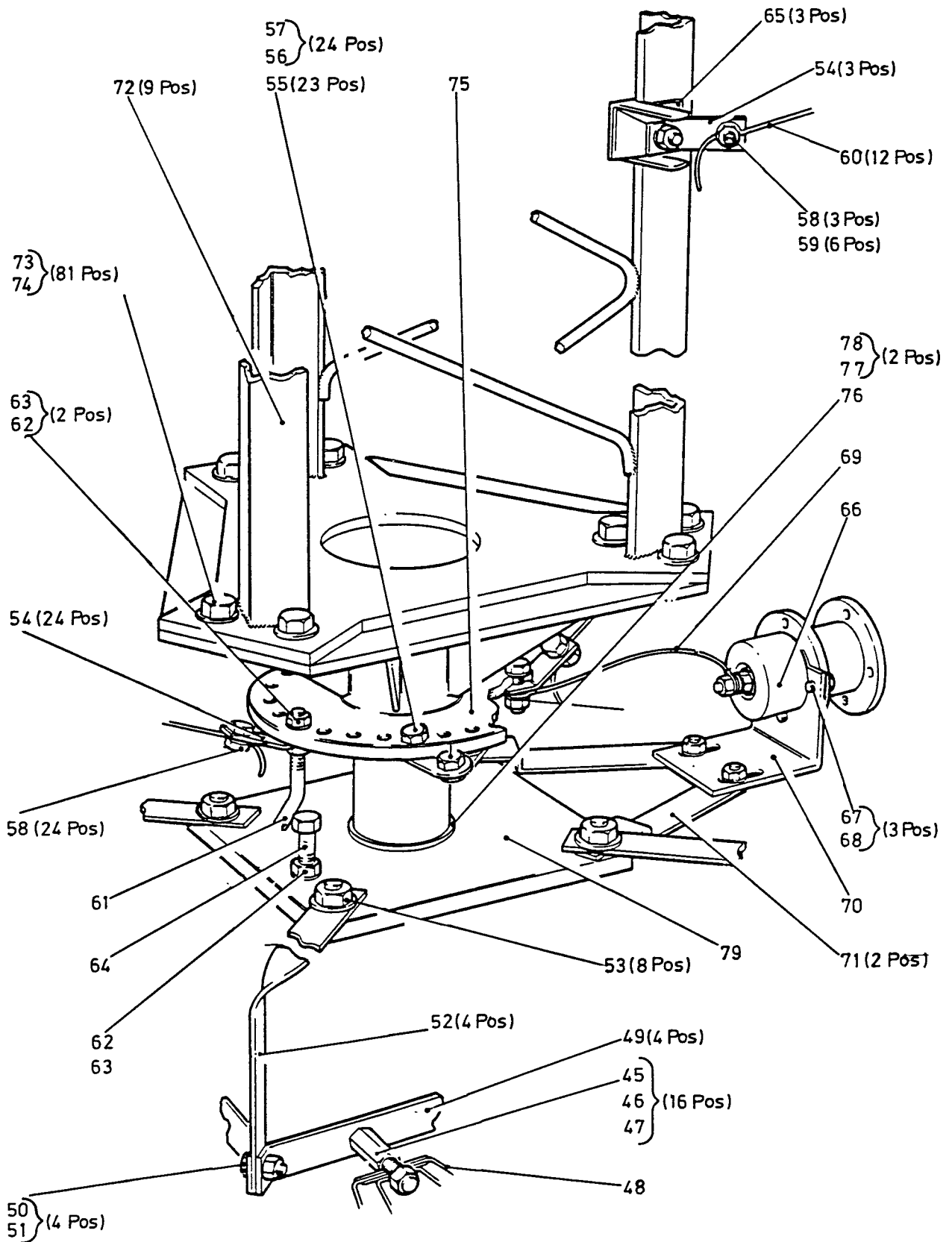


Fig.2 ANTENNA WB230M

5985-99-618-0841


FIG. ITEM No.	CCT REF.	N.A.T.O. Stock No.	ITEM NAME (For Full Details see Chapter 3)	Class of Store & Line of Service (COS LOS)	No. Off
1-1		5985-99-618-0841	ANTENNA	—	Ref
1-2		4030-99-633-4336	. SHACKLE PROOF TEST CERTIFICATE REQUIRED	C3	12
1-3		5340-99-630-0232	. TURNBUCKLE	C3	12
1-4		4030-99-470-7613	. THIMBLE, ROPE	C3	13
1-5		5120-99-933-1564	. GRIP, CABLE	C3	12
1-6		5820-99-630-9662	. GUY	C3	12
1-7		4030-99-649-4540	. SHACKLE	C3	24
1-8		5820-99-630-6812	. BRACKET, AERIAL	C3	12
1-9		5985-99-630-4271	. PLATE, ANTENNA MAST	C3	24
1-10		5305-99-624-7108	. SCREW, MACHINE	C3	72
1-11		5310-99-631-1657	. NUT, SELF-LOCKING, HEXAGON	C3	72
1-12		-	. Kit - Single Spacer Wire Replacement (4SL/34176)	—	24 Ref
1-13		4010-99-356-4425	. . WIRE ROPE ASSEMBLY, SINGLE LEG 	C3	24
1-14		5305-99-792-3972	. . SCREW, CAP, HEXAGON HEAD	C3	48
1-15		5310-99-841-9673	. . NUT, SELF, LOCKING HEXAGON	C3	48
1-16		5310-99-535-5630	. . WASHER, FLAT	C3	48
1-17		5940-99-622-7053	. . SPLICE, CONDUCTOR	C3	24
1-18		5940-99-622-7052	. . SPLICE, CONDUCTOR	C3	24
1-19		5340-99-631-9783	. TURNBUCKLE	C3	9
1-20		4030-99-660-5985	. THIMBLE, ROPE	C3	9
1-21		5985-99-626-9316	. GRIP, GUY, DEAD END	C3	6
1-22		5985-99-633-0323	. GRIP, CABLE	C3	3

FIG. ITEM No.	CCT REF.	N.A.T.O. Stock No.	ITEM NAME (For Full Details see Chapter 3)	Class of Store & Line of Service (COS LOS)	No. Off
1-23		5975-99-646-6404	. GUY	C3	3
1-24		5975-99-646-6403	. GUY	C3	3
1-25		4010-99-300-6921	. GUY	C3	3
1-26		5970-99-626-9317	. INSULATOR, STRAIN	C3	14
1-27		4010-99-906-7705	. GUY	C3	3
1-28		4010-99-765-4434	. GUY	C3	3
1-29		4010-99-432-3240	. GUY	C3	3
1-30		4030-99-553-1561	. LINKPLATE	C3	3
1-31		5315-99-944-0183	. PIN, COTTER, SPLIT	C3	6
1-32		4030-99-107-6819	. SHACKLE lin between eyes	C3	6
1-33		5985-99-649-4539	. MAIN WIRE, ANTENNA	C3	12
1-34		5340-99-630-3957	. BRACKET, ANGLE	C3	12
1-35		5306-99-626-9324	. BOLT, MACHINE	C3	12
1-36		5310-99-626-9320	. WASHER, FLAT	C3	24
1-37		4030-99-618-9325	. STAKE, GUY	C3	1
1-38		4030-99-624-5499	. SHACKLE	C3	1
1-39		4020-99-933-1559	. ROPE, FIBROUS	C3	
1-40		3940-99-519-7422	. BLOCK, TACKLE PROOF TEST CERTIFICATE REQUIRED	C3	1
1-41		4030-99-793-7599	. SHACKLE PROOF TEST CERTIFICATE REQUIRED	C3	1
1-42		5985-99-630-4268	. PLATE, ANTENNA MAST	—	1 Ref
1-43		5306-99-626-9323	. BOLT, MACHINE	C3	6
1-44		5310-99-553-1788	. WASHER, LOCK	C3	6

FIG. ITEM No.	CCT REF.	N.A.T.O. Stock No.	ITEM NAME (For Full Details see Chapter 3)	Class of Store & Line of Service (COS LOS)	No. Off
2-45		5999-99-633-4337	. CLAMP, ELECTRICAL	C3	16
2-46		5305-99-649-4533	. SCREW, MACHINE	C3	16
2-47		5310-99-630-3082	. WASHER, FLAT	C3	16
2-48		-	. Wires, Earth	—	A/R Ref
2-49		5940-99-630-4098	. TERMINAL STRIP, GROUNDING	C3	4
2-50		5305-99-649-4427	. SCREW, MACHINE	C3	4
2-51		5310-99-649-4532	. NUT, PLAIN, HEXAGON	C3	4
2-52		5975-99-630-4099	. PLATE, ELECTRICAL GROUNDING	C3	4
2-53		5310-99-626-9313	. WASHER, FLAT	C3	8
2-54		5340-99-630-3957	. BRACKET, ANGLE	C3	27
2-55		5306-99-626-9324	. BOLT, MACHINE	C3	27
2-56		5310-99-626-9320	. WASHER, FLAT	C3	24
2-57		5985-99-626-9325	. WASHER, LOCK	C3	24
2-58		5940-99-622-7052	. SPLICE, CONDUCTOR	C3	52
2-59		5310-99-941-8637	. WASHER, FLAT	C3	6
2-60		5820-99-630-4095	. ANTENNA ELEMENT	C3	12
2-61		5920-99-630-4266	. ARRESTER, LIGHTNING	C3	1
2-62		5310-99-626-9319	. NUT, PLAIN, HEXAGON	C3	3
2-63		5310-99-626-9320	. WASHER, FLAT	C3	3
2-64		5306-99-646-6406	. BOLT, MACHINE	C3	1
2-65		5340-99-633-4808	. CLAMP, I BEAM GRIPPING	C3	3
2-66		5820-99-630-4269	. ADAPTOR, ANTENNA TO TRANSMITTER	C3	1

FIG. ITEM No.	CCT REF.	N.A.T.O. Stock No.	ITEM NAME (For Full Details see Chapter 3)	Class of Store & Line of Service (COS LOS)	No. Off
2-67		5305-99-660-7079	. SCREW, CAP, HEXAGON HEAD	C3	3
2-68		5310-99-623-8105	. WASHER, LOCK	C3	3
2-69		5995-99-646-6408	. LEAD, ELECTRICAL	C3	1
2-70		5340-99-646-6397	. BRACKET, ANGLE	C3	1
2-71		5340-99-630-4270	. STRAP, RETAINING	C3	2
2-72		5820-99-630-5172	. MAST SECTION	—	9 Ref
2-73		5306-99-626-9323	. BOLT, MACHINE	C3	81
2-74		5310-99-553-1788	. WASHER, LOCK	C3	81
2-75		5820-99-630-5175	. TOP UNIT, INSULATOR	C3	1
2-76		5985-99-626-9318	. INSULATOR	C3	1
2-77		5305-99-517-1803	. SCREW, MACHINE	C3	2
2-78		5310-99-630-5174	. WASHER, FLAT	C3	2
2-79		5820-99-630-4265	. PLATE, ANTENNA MAST	—	1 Ref

CHAPTER 2-1-2
PARTS LIST
ANTENNA WB330M
5985-99-626-9337
(90G105788)

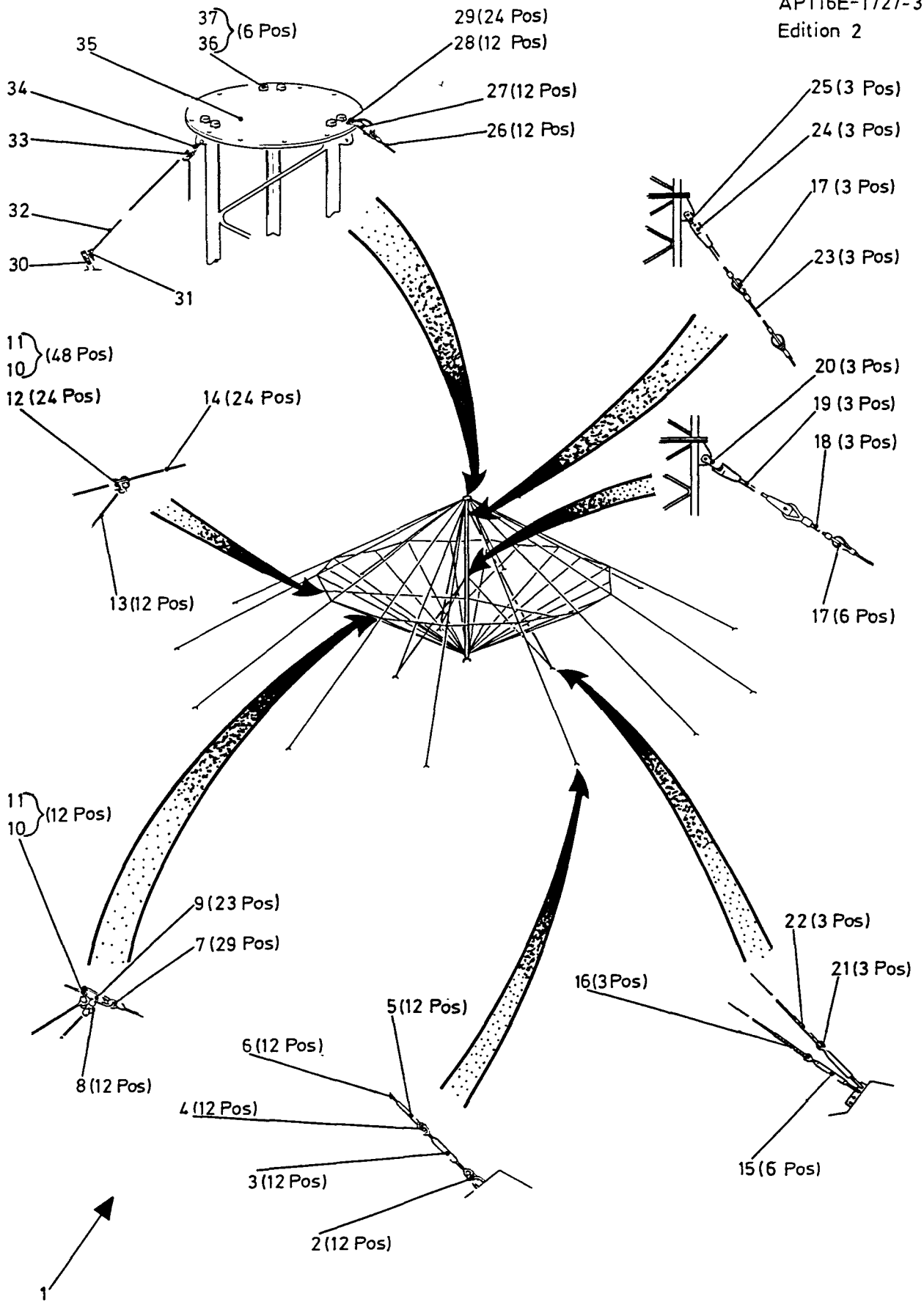


Fig.1 ANTENNA WB330M

5985-99-626-9337

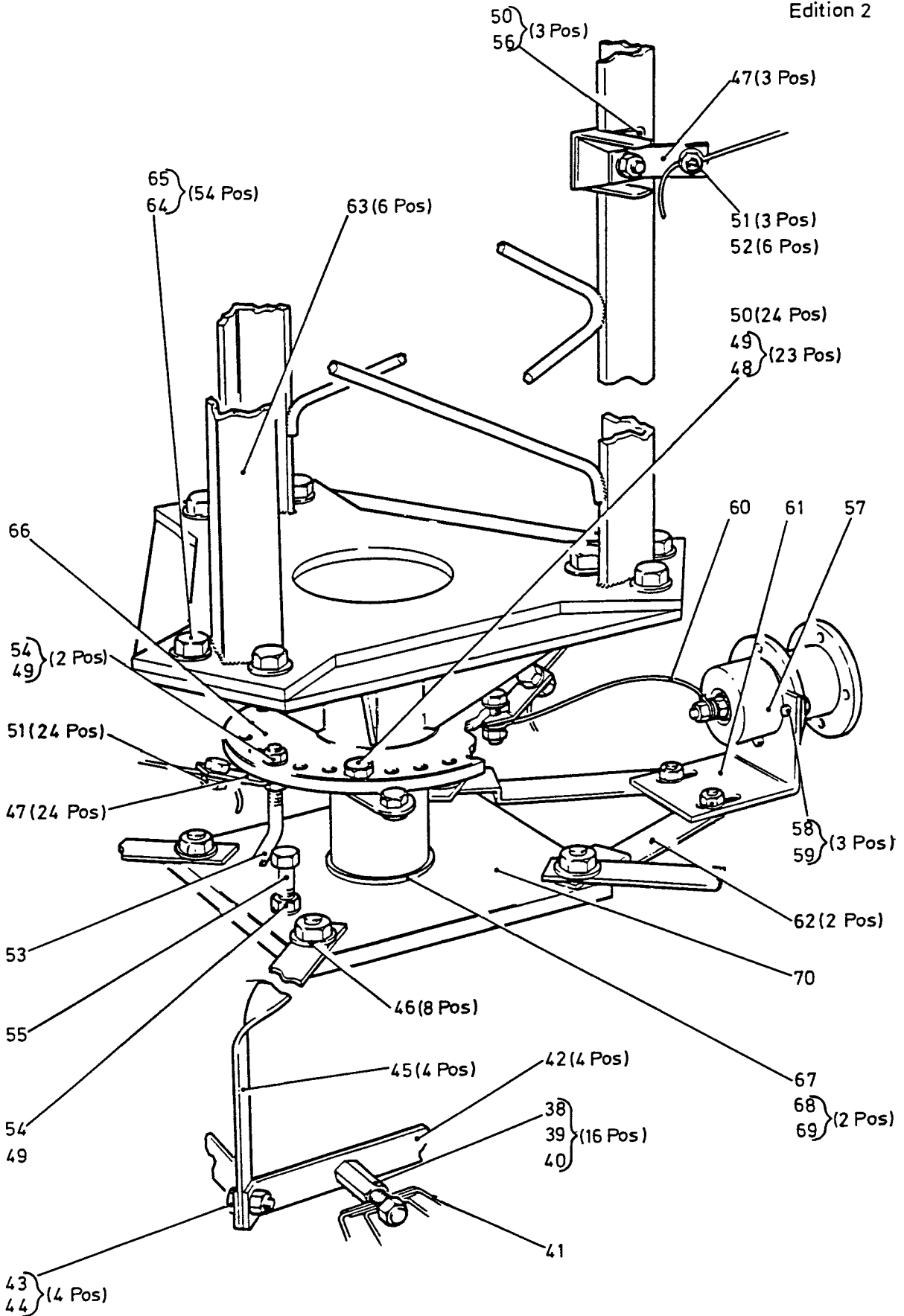


Fig.2 ANTENNA WB330M

5985-99-626-9337

FIG. ITEM No.	CCT REF.	N.A.T.O. Stock No.	ITEM NAME (For Full Details see Chapter 3)	Class of Store & Line of Service (COS LOS)	No. Off
1-1		5985-99-626-9337	ANTENNA	—	Ref
1-2		4030-99-633-4336	. SHACKLE PROOF TEST CERTIFICATE REQUIRED	C3	12
1-3		5340-99-630-0232	. TURNBUCKLE	C3	12
1-4		4030-99-470-7613	. THIMBLE, ROPE	C3	12
1-5		5120-99-933-1564	. GRIP, CABLE	C3	12
1-6		5820-99-630-9661	. GUY	C3	12
1-7		4030-99-649-4540	. SHACKLE	C3	29
1-8		5820-99-630-6812	. BRACKET, AERIAL	C3	12
1-9		5940-99-622-7052	. SPLICE, CONDUCTOR	C3	23
1-10		5305-99-624-7108	. SCREW, MACHINE	C3	60
1-11		5310-99-631-1657	. NUT, SELF-LOCKING, HEXAGON	C3	60
1-12		5985-99-630-4271	. PLATE, ANTENNA MAST	C3	24
1-13		5985-99-310-8800	. ANTENNA ELEMENT	C3	12
1-14		5985-99-110-1829	. ANTENNA ELEMENT	C3	24
1-15		5340-99-631-9783	. TURNBUCKLE	C3	6
1-16		5985-99-626-9316	. GRIP, GUY, DEAD END	C3	3
1-17		5970-99-626-9317	. INSULATOR, STRAIN	C3	9
1-18		5975-99-646-6404	. GUY	C3	3
1-19		4010-99-168-8154	. GUY	C3	3
1-20		4030-99-107-6819	. SHACKLE lin between eyes	C3	3
1-21		4030-99-660-5985	. THIMBLE, ROPE	C3	3
1-22		5985-99-626-9322	. PREFORMED DEAD END	C3	3
1-23		5975-99-646-6403	. GUY	C3	3

FIG. ITEM No.	CCT REF.	N.A.T.O. Stock No.	ITEM NAME (For Full Details see Chapter 3)	Class of Store & Line of Service (COS LOS)	No. Off
1-24		4010-99-660-5986	. GUY	C3	3
1-25		4030-99-553-1561	. LINKPLATE	C3	3
1-26		5985-99-765-4433	. ANTENNA ELEMENT	C3	12
1-27		5340-99-630-3957	. BRACKET, ANGLE	C3	12
1-28		5306-99-626-9324	. BOLT, MACHINE	C3	12
1-29		5310-99-626-9320	. WASHER, FLAT	C3	24
1-30		4030-99-618-9325	. STAKE, GUY	C3	1
1-31		4030-99-624-5499	. SHACKLE	C3	1
1-32		4020-99-933-1559	. ROPE, FIBROUS	C3	
1-33		3940-99-519-7422	. BLOCK, TACKLE PROOF TEST CERTIFICATE REQUIRED	C3	1
1-34		4030-99-633-4336	. SHACKLE PROOF TEST CERTIFICATE REQUIRED	C3	1
1-35		5820-99-630-4268	. PLATE, ANTENNA MAST	—	1 Ref
1-36		5306-99-626-9323	. BOLT, MACHINE	C3	6
1-37		5310-99-553-1788	. WASHER, LOCK	C3	6
2-38		5999-99-633-4337	. CLAMP, ELECTRICAL	C3	16
2-39		5305-99-649-4533	. SCREW, MACHINE	C3	16
2-40		5310-99-630-3082	. WASHER, FLAT	C3	16
2-41		-	. Wires, Earth (E12)	—	A/R Ref
2-42		5940-99-630-4098	. TERMINAL STRIP, GROUNDING	C3	4
2-43		5305-99-649-4427	. SCREW, MACHINE	C3	4
2-44		5310-99-649-4532	. NUT, PLAIN, HEXAGON	C3	4

FIG. ITEM No.	CCT REF.	N.A.T.O. Stock No.	ITEM NAME (For Full Details see Chapter 3)	Class of Store & Line of Service (COS LOS)	No. Off
2-45		5975-99-630-4099	. PLATE, ELECTRICAL GROUNDING	C3	4
2-46		5310-99-626-9313	. WASHER, FLAT	C3	8
2-47		5340-99-630-3957	. BRACKET, ANGLE	C3	27
2-48		5306-99-626-9324	. BOLT, MACHINE	C3	23
2-49		5310-99-626-9320	. WASHER, FLAT	C3	26
2-50		5985-99-626-9325	. WASHER, LOCK	C3	27
2-51		5940-99-622-7052	. SPLICE, CONDUCTOR	C3	27
2-52		5310-99-941-8637	. WASHER, FLAT	C3	6
2-53		5920-99-630-4266	. ARRESTER, LIGHTNING	C3	1
2-54		5310-99-626-9319	. NUT, PLAIN, HEXAGON	C3	3
2-55		5306-99-646-6406	. BOLT, MACHINE	C3	1
2-56		5340-99-633-4808	. CLAMP, I BEAM GRIPPING	C3	3
2-57		5820-99-630-4269	. ADAPTOR, ANTENNA TO TRANSMITTER	C3	1
2-58		5305-99-660-7079	. SCREW, CAP, HEXAGON HEAD	C3	3
2-59		5310-99-623-8105	. WASHER, LOCK	C3	3
2-60		5995-99-646-6408	. LEAD, ELECTRICAL	C3	1
2-61		5340-99-646-6397	. BRACKET, ANGLE	C3	1
2-62		5340-99-630-4270	. STRAP, RETAINING	C3	2
2-63		5820-99-630-5172	. MAST SECTION	—	6 Ref
2-64		5306-99-626-9323	. BOLT, MACHINE	C3	54
2-65		5310-99-553-1788	. WASHER, LOCK	C3	54
2-66		5820-99-630-5175	. TOP UNIT, INSULATOR	C3	1
2-67		5985-99-626-9318	. INSULATOR	C3	1

FIG. ITEM No.	CCT REF.	N.A.T.O. Stock No.	ITEM NAME (For Full Details see Chapter 3)	Class of Store & Line of Service (COS LOS)	No. Off
2-68		5305-99-517-1803	. SCREW, MACHINE	C3	2
2-69		5310-99-630-5174	. WASHER, FLAT	C3	2
2-70		5820-99-630-4265	. PLATE, ANTENNA MAST	—	1 Ref
NI- 71		4030-99-701-5533	. FERRULE, WIRE ROPE	C3	78

CHAPTER 2-1-3
PARTS LIST
ANTENNA WB4530M
5985-99-776-8776
(SCSHQ162686)

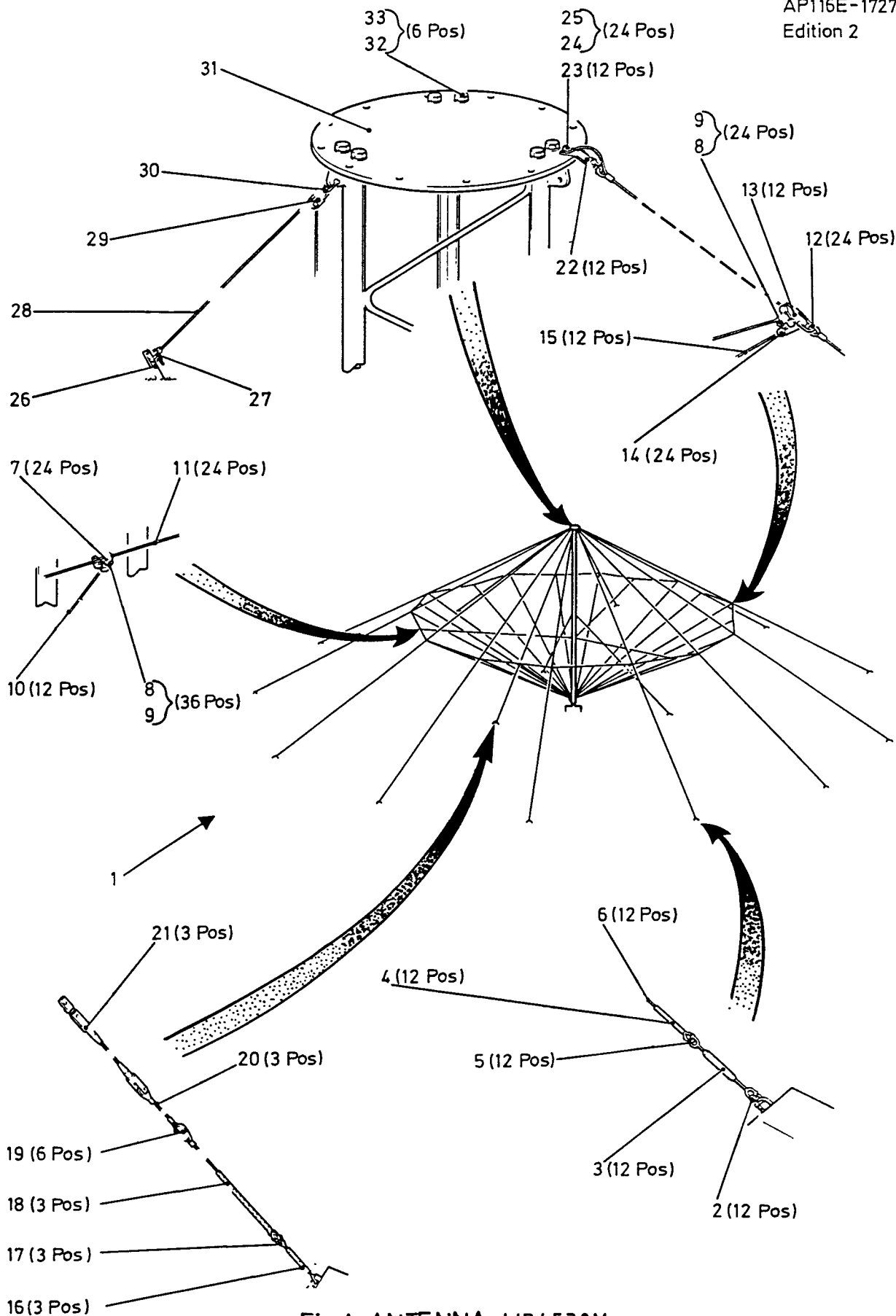


Fig.1 ANTENNA WB4530M

5985-99-776-8776

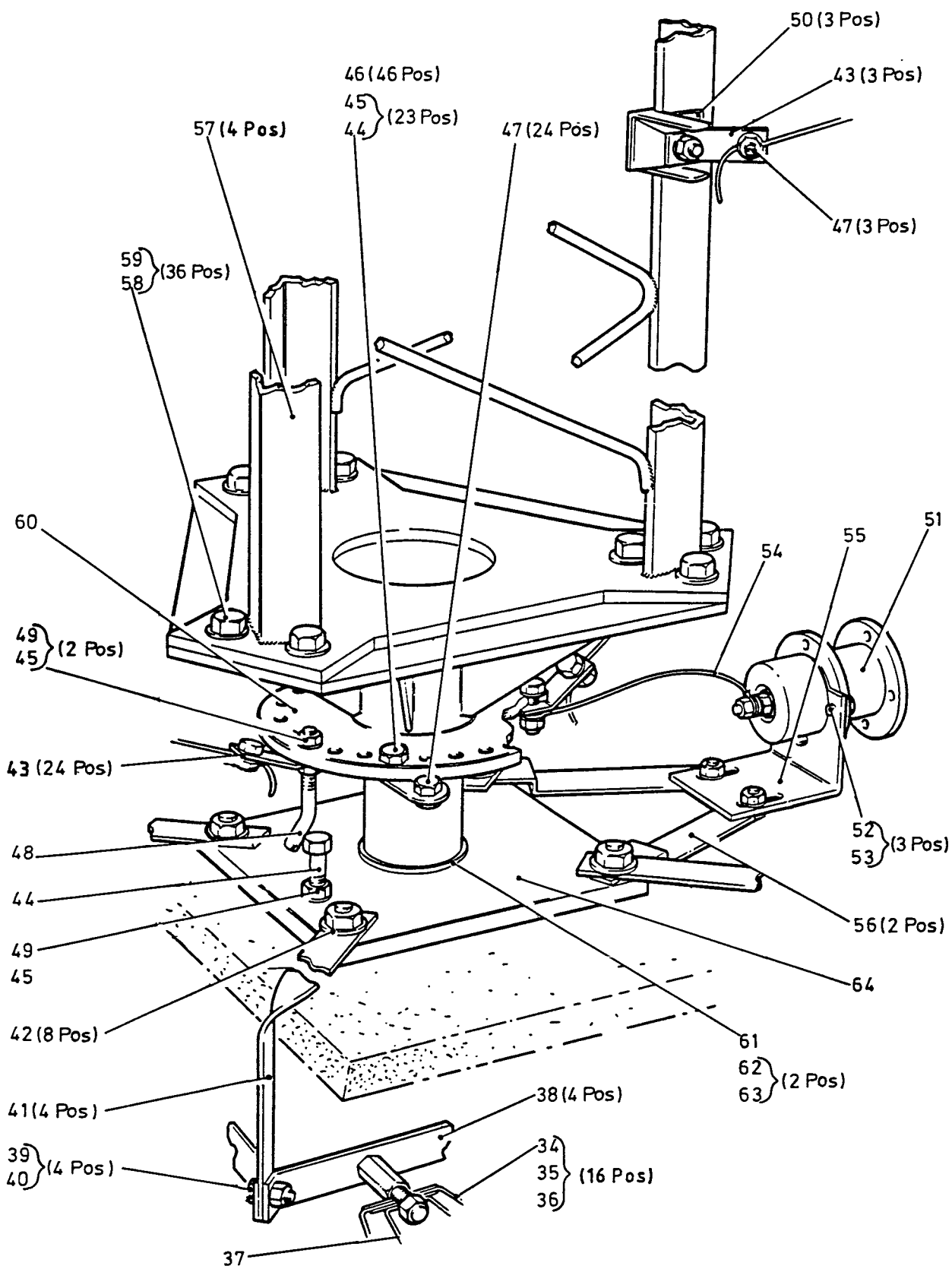


Fig.2 ANTENNA WB4530M

5985-99-776-8776

FIG. ITEM No.	CCT REF.	N.A.T.O. Stock No.	ITEM NAME (For Full Details see Chapter 3)	Class of Store & Line of Service (COS LOS)	No. Off
1-1		5985-99-776-8776	ANTENNA	—	Ref
1-2		4030-99-633-4336	. SHACKLE PROOF TEST CERTIFICATE REQUIRED	C3	12
1-3		5340-99-630-0232	. TURNBUCKLE	C3	12
1-4		5120-99-933-1564	. GRIP, CABLE	C3	12
1-5		4030-99-780-5489	. THIMBLE, ROPE	C3	12
1-6		5820-99-778-1717	. GUY	C3	12
1-7		5985-99-630-4271	. PLATE, ANTENNA MAST	C3	24
1-8		5305-99-624-7108	. SCREW, MACHINE	C3	60
1-9		5310-99-631-1657	. NUT, SELF-LOCKING, HEXAGON	C3	60
1-10		5820-99-630-4095	. ANTENNA ELEMENT	C3	12
1-11		5985-99-630-4096	. SPACER WIRE	C3	24
1-12		4030-99-649-4540	. SHACKLE	C3	24
1-13		5820-99-630-6812	. BRACKET, AERIAL	C3	12
1-14		5940-99-622-7052	. SPLICE, CONDUCTOR	C3	24
1-15		5985-99-513-6483	. ANTENNA ELEMENT	C3	12
1-16		5340-99-631-9783	. TURNBUCKLE	C3	3
1-17		4030-99-793-7606	. THIMBLE, ROPE	C3	3
1-18		5985-99-633-0324	. GRIP, CABLE	C3	3
1-19		5970-99-626-9317	. INSULATOR, STRAIN	C3	6
1-20		4010-99-513-6484	. GUY	C3	3
1-21		4010-99-701-5511	. GUY	C3	3
1-22		5340-99-630-3957	. BRACKET, ANGLE	C3	12
1-23		5306-99-626-9324	. BOLT, MACHINE	C3	12
1-24		5310-99-626-9320	. WASHER, FLAT	C3	24

FIG. ITEM No.	CCT REF.	N.A.T.O. Stock No.	ITEM NAME (For Full Details see Chapter 3)	Class of Store & Line of Service (COS LOS)	No. Off
1-25		5985-99-626-9325	. WASHER, LOCK	C3	24
1-26		4030-99-618-9325	. STAKE, GUY	C3	1
1-27		4030-99-624-5499	. SHACKLE	C3	1
1-28		4020-99-933-1559	. ROPE, FIBROUS	C3	
1-29		3940-99-519-7422	. BLOCK, TACKLE PROOF TEST CERTIFICATE REQUIRED	C3	1
1-30		4030-99-527-7687	. SHACKLE PROOF TEST CERTIFICATE REQUIRED	C3	1
1-31		5985-99-630-4268	. PLATE, ANTENNA MAST	—	1 Ref
1-32		5306-99-626-9323	. BOLT, MACHINE	C3	6
1-33		5310-99-553-1788	. WASHER, LOCK	C3	6
2-34		5999-99-633-4337	. CLAMP, ELECTRICAL	C3	16
2-35		5305-99-649-4533	. SCREW, MACHINE	C3	16
2-36		5310-99-630-3082	. WASHER, FLAT	C3	16
2-37		-	. Wires, Earth (E12)	—	A/R Ref
2-38		5940-99-630-4098	. TERMINAL STRIP, GROUNDING	C3	4
2-39		5305-99-649-4427	. SCREW, MACHINE	C3	4
2-40		5310-99-649-4532	. NUT, PLAIN, HEXAGON	C3	4
2-41		5975-99-630-4099	. PLATE, ELECTRICAL GROUNDING	C3	4
2-42		5310-99-626-9313	. WASHER, FLAT	C3	8
2-43		5340-99-630-3957	. BRACKET, ANGLE	C3	27
2-44		5306-99-626-9324	. BOLT, MACHINE	C3	24
2-45		5310-99-626-9320	. WASHER, FLAT	C3	26
2-46		5985-99-626-9325	. WASHER, LOCK	C3	46

FIG. ITEM No.	CCT REF.	N.A.T.O. Stock No.	ITEM NAME (For Full Details see Chapter 3)	Class of Store & Line of Service (COS LOS)	No. Off
2-47		5940-99-622-7052	. SPLICE, CONDUCTOR	C3	27
2-48		5920-99-630-4266	. ARRESTER, LIGHTNING	C3	1
2-49		5310-99-626-9319	. NUT, PLAIN, HEXAGON	C3	3
2-50		5340-99-633-4808	. CLAMP, I BEAM GRIPPING	C3	3
2-51		5820-99-630-4269	. ADAPTOR, ANTENNA TO TRANSMITTER	C3	1
2-52		5305-99-660-7079	. SCREW, CAP, HEXAGON HEAD	C3	3
2-53		5310-99-623-8105	. WASHER, LOCK	C3	3
2-54		5995-99-646-6408	. LEAD, ELECTRICAL	C3	1
2-55		5340-99-646-6397	. BRACKET, ANGLE	C3	1
2-56		5340-99-630-4270	. STRAP, RETAINING	C3	2
2-57		5820-99-630-5172	. MAST SECTION	—	4 Ref
2-58		5306-99-626-9323	. BOLT, MACHINE	C3	36
2-59		5310-99-553-1788	. WASHER, LOCK	C3	36
2-60		5820-99-630-5175	. TOP UNIT, INSULATOR	C3	1
2-61		5985-99-626-9318	. INSULATOR	C3	1
2-62		5305-99-517-1803	. SCREW, MACHINE	C3	2
2-63		5310-99-630-5174	. WASHER, FLAT	C3	2
2-64		5820-99-630-4265	. PLATE, ANTENNA MAST	—	1 Ref

CHAPTER 2-2
PARTS LIST
Ancillary Erection Equipment
(90G114604)

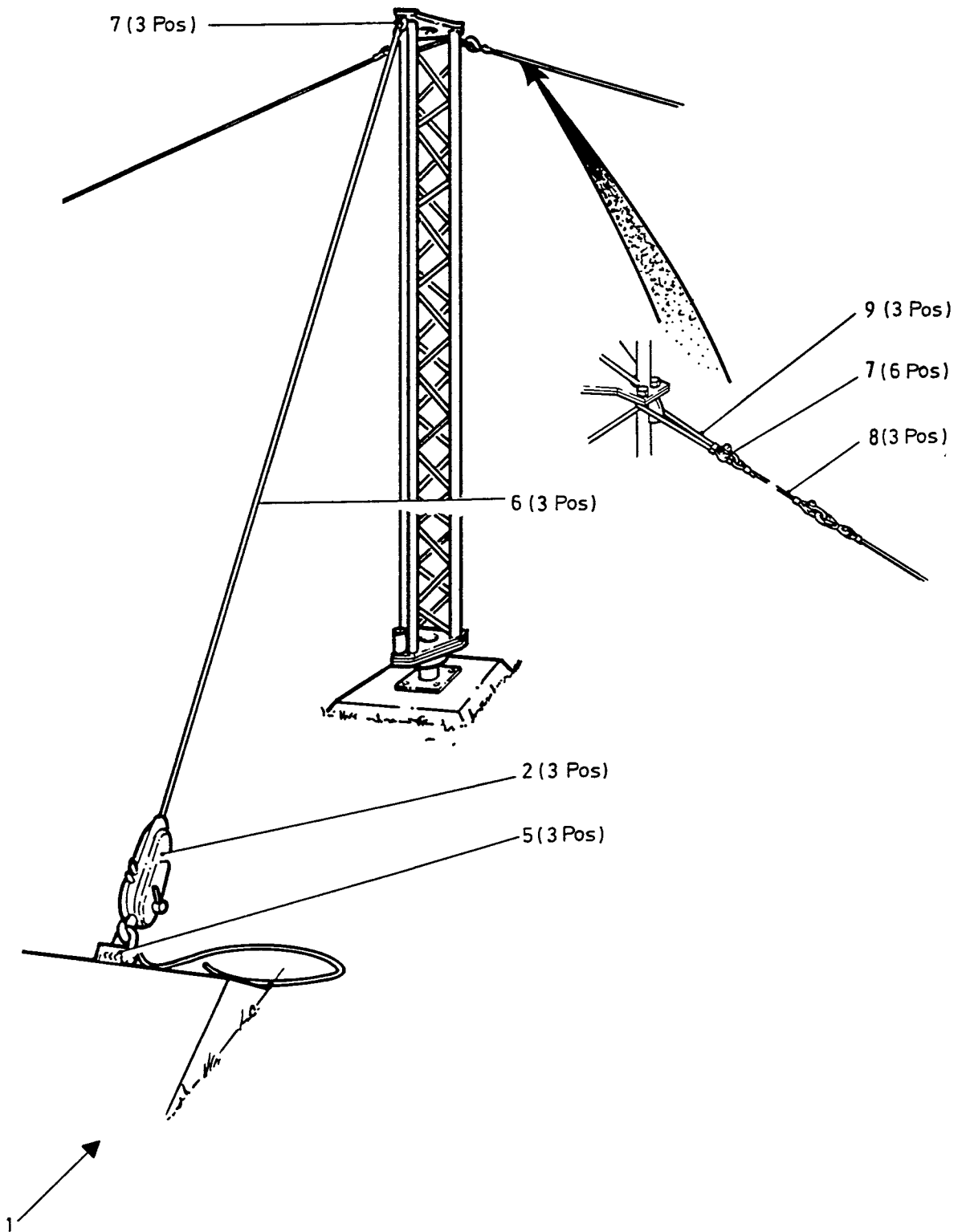


Fig.1 Ancillary Erection Equipment

90G114604

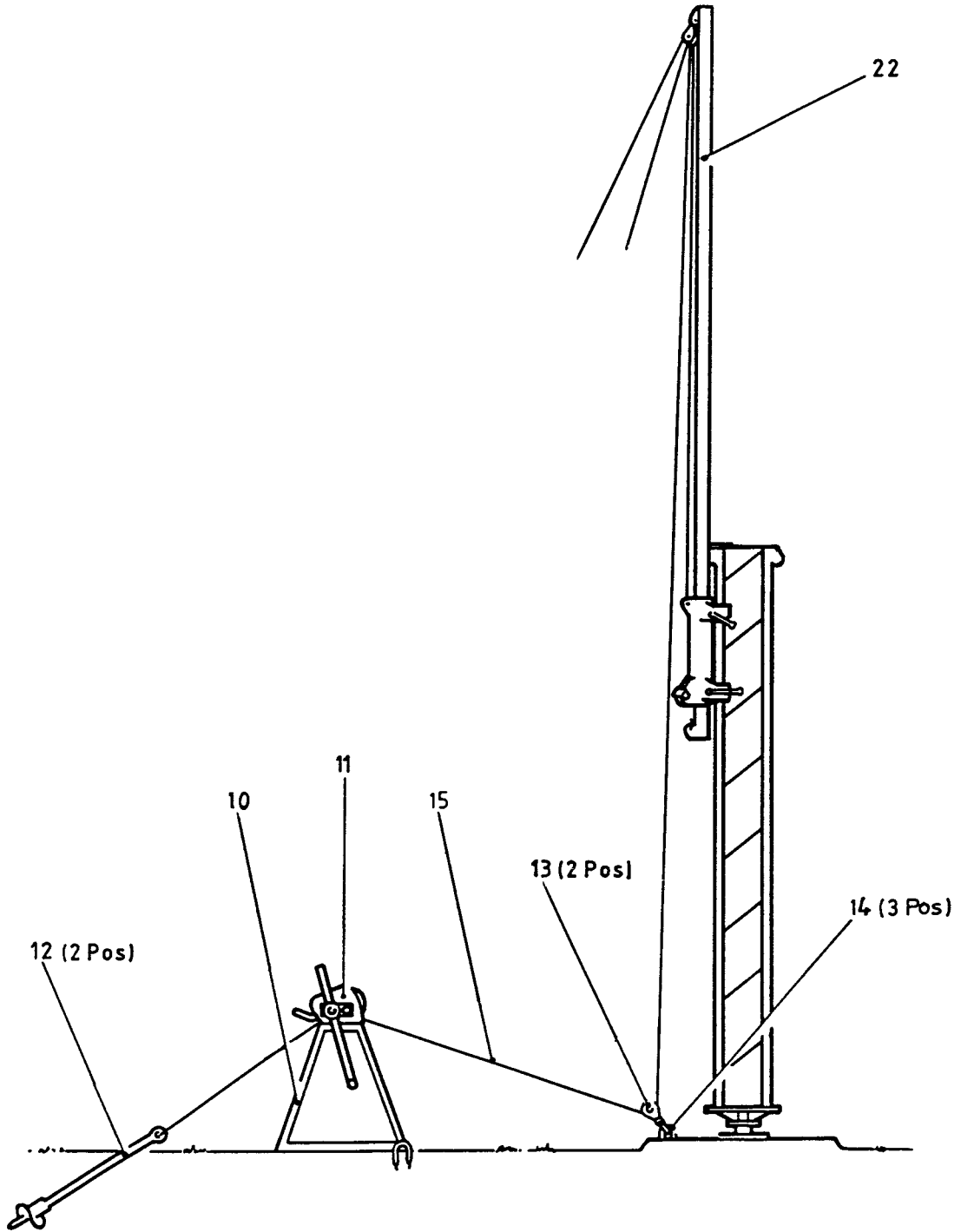


Fig. 2 Ancillary Erection Equipment

90G114604

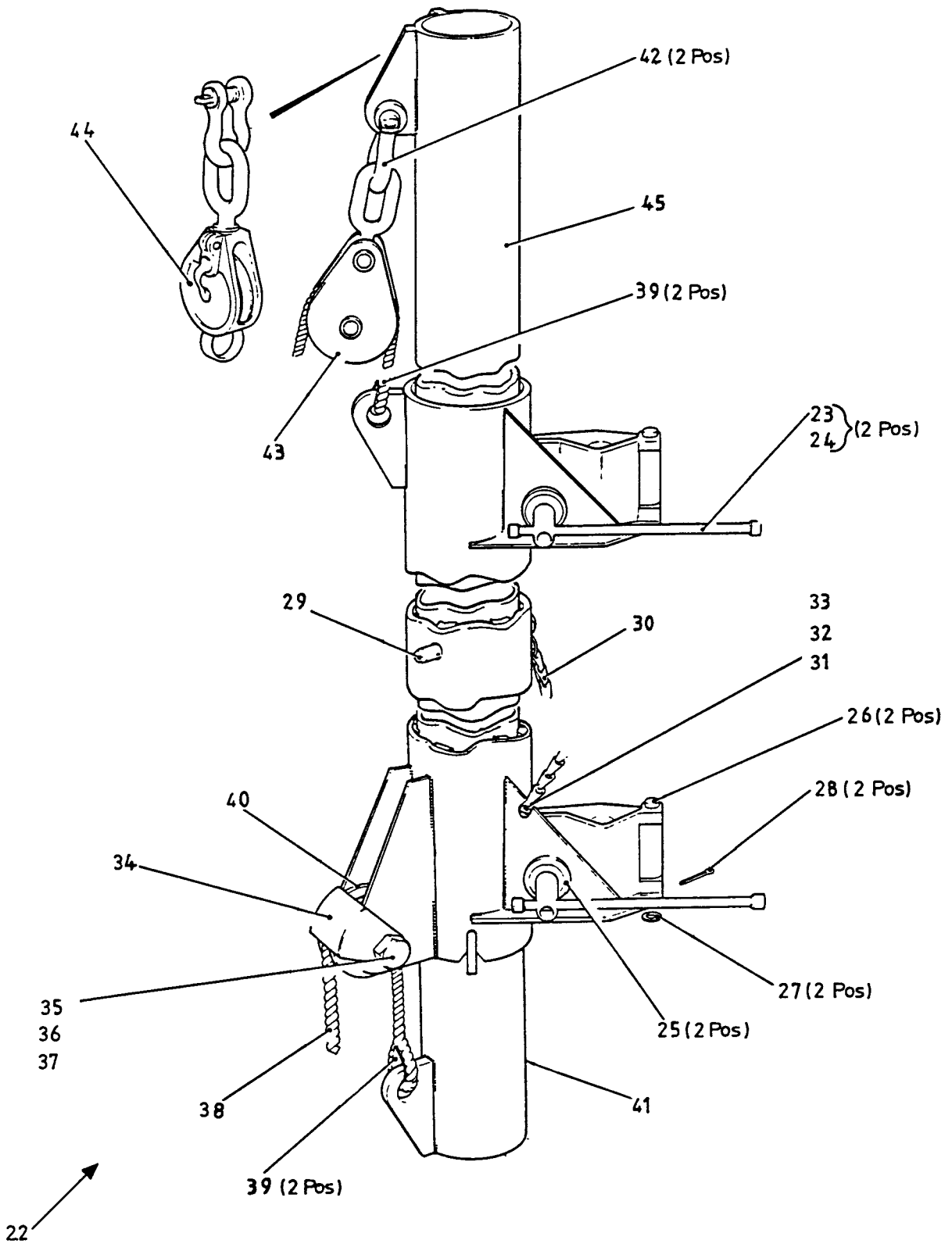


Fig. 3 Ancillary Erection Equipment

(Gin Pole)

90G114604

FIG. ITEM No.	CCT REF.	N.A.T.O. Stock No.	ITEM NAME (For Full Details see Chapter 3)	Class of Store & Line of Service (COS LOS)	No. Off
1-1		-	Ancillary Erection Equipment (90G114604)	—	Ref
1-2		3950-99-201-3244	. PULLING AND LIFTING MACHINE (for spares breakdown see AP119K-0614-15F)	—	3 Ref
NI-3		6635-99-573-1452	. METER, TENSION	—	1 Ref
NI-4		6635-99-107-7020	. TENSIO METER, DIAL INDICATING	—	1 Ref
1-5		4030-99-200-7188	. SHACKLE	C3	3
1-6		4010-99-523-8369	. WIRE ROPE ASSEMBLY, SINGLE LEG (for spares breakdown see AP119K-0611-15F)	—	3 Ref
1-7		4030-99-960-4348	. SHACKLE	C3	9
1-8		5985-99-633-8714	. GUY	C3	3
1-9		4010-99-425-3434	. WIRE ROPE ASSEMBLY, SINGLE LEG	C3	3
2-10		-	. Winch Frame (for spares breakdown see OIP 463)	—	1 Ref
2-11		-	. Handwinch (for spares breakdown see OIP 463)	—	1 Ref
2-12(1)		4030-99-944-4464	. ANCHOR, GUY	C3	2
2-12(2)		4030-99-956-7453	. ANCHOR, GUY	C3	2
2-13		3940-99-942-4231	. BLOCK, TACKLE	C3	2
2-14		4030-99-960-4348	. SHACKLE	C3	3
2-15		4020-99-933-1563	. ROPE, FIBROUS	C3	
NI-16		5985-99-633-0324	. GRIP, CABLE	C3	12
NI-17		5120-99-933-1564	. GRIP, CABLE	C3	12






FIG. ITEM No.	CCT REF.	N.A.T.O. Stock No.	ITEM NAME (For Full Details see Chapter 3)	Class of Store & Line of Service (COS LOS)	No. Off
NI-18		5985-99-633-0325	. GRIP, CABLE	C3	12
NI-19		4030-99-107-6516	. THIMBLE, ROPE 0.7inside w	C3	12
NI-20		4030-99-960-4349	. SHACKLE	C3	2
NI-21		-	. Theodolite	—	2 Ref
2,3-22		-	. Gin Pole	—	1 Ref
3-23		5985-99-633-8702	. . HANDLE AND CLAMP NUT ASSEMBLY	C3	2
3-24		5306-99-633-8703	. . BOLT, MACHINE	C3	2
3-25		5365-99-100-7986	. . RING, RETAINING	C3	2
3-26		5315-99-138-2201	. . PIN, COTTER, SPLIT	C3	2
3-27		5310-99-122-6476	. . WASHER, FLAT	C3	2
3-28		5315-99-633-8701	. . PIN, GROOVED, HEADED	C3	2
3-29		5340-99-406-2340	. . PIN, QUICK RELEASE	 C3	1
3-30		4010-99-537-3336	. . CHAIN, WELDED	C3	1
3-31		5305-99-135-0691	. . SCREW, MACHINE	 C3	2
3-32		5310-99-135-0765	. . NUT, PLAIN, HEXAGON	 C3	1
3-33		5310-99-137-0207	. . WASHER, SPRING TENSION	C3	1
3-34		4030-99-972-0981	. . PROTECTOR, GUY	C3	1
3-35		5306-99-633-8700	. . BOLT, SHOULDER	 C3	1
3-36		5310-99-417-9168	. . NUT, PLAIN, HEXAGON	C3	1
3-37		5310-99-941-6648	. . WASHER, LOCK	 C3	1
3-38		4020-99-933-1563	. . ROPE, FIBROUS	C3	1

FIG. ITEM No.	CCT REF.	N.A.T.O. Stock No.	ITEM NAME (For Full Details see Chapter 3)	Class of Store & Line of Service (COS LOS)	No. Off
3-39		4030-99-250-7627	. . THIMBLE, ROPE	C3	4
3-40		3020-99-633-8715	. . PULLEY, GROOVE	C3	1
3-41		-	. . Support Tube Assembly & Bracket	--	1 Ref
3-42		4030-99-749-7825	. . SHACKLE PROOF TEST CERTIFICATE REQUIRED	C3	2
3-43		3940-99-633-8699	. . BLOCK, TACKLE SWL 6851b	C3	1
3-44		3940-99-364-0005	. . BLOCK AND TACKLE	--	1 Ref
3-45		-	. . GIN POLE SUBASSEMBLY (90G109921)	--	1 Ref



CHAPTER 3
INDEX OF NATO STOCK NUMBERS

Manufacturer Code	Manufacturer Name
D8286	DIN DEUTSCHES INSTITUT
K0836	MOD
K0851	MOD
K1333	NYLONIC ENGINEERING
K1343	LINDSAY HENRY Ltd
K1364	BARROW HEPBURN SALA
K1502	SWINGLER G & J Ltd
K1706	DAVEY & Co
K1793	HELLERMANN ELECTRICS
K2129	FURSE
K2158	EUROPEAN INDUSTRIAL SERVICES Ltd
K2504	RS COMPONENTS
K2991	SOLID SWIVEL
K3173	TIFOR Ltd
K3206	WELLINGS FORGINGS
K3487	PREFORMED LINE PRODUCTS
K3489	MARLOW ROPES
K3977	NORSEMAN GIBB
K4244	VICKERS

Manufacturer Code	Manufacturer Name
K4787	MOD
K7669	GALVANISED BOLTS & NUTS
K7766	BSI
U0159	MIRRLEES BLACKSTONE Ltd
U0198	CSA Ltd
U0606	WALSALL CONDUITS
U1022	BOWTHORPE ELECTRIC
U1595	ADVEL SYSTEMS Ltd
U1725	MOD
U1748	ROSS COURTNEY
U1758	CEGELEC PROJECTS
U2274	CCL SYSTEMS
U3212	B I C C COMPONENTS
U4021	TR FASTENINGS
U4603	JET PRESS SALES
U5372	LINEAR COMPOSITES
U6624	LINDAPTER
U7035	PIAB Ltd
U9669	THERMOMETRICS
XXXXX	LITTON MARINE SYSTEMS (Canada)
23663	JOSLYN ELECTRONIC SYSTEMS

N.A.T.O. Stock No.	Item Name and Description Manufacturer and Part / Drawing No.	Chapter / Item No.
5985-99-030-9594	FEED, RESISTOR cres; 105mm lg, 19mm wd; strip twisted through 90 deg over 35mm: w 1 hole 11mm dia and 1 hole 7mm dia (U0198) 4/34610	2-1-4/44
5305-99-052-2231	SCREW, MACHINE ISO M; cres; pan hd; slot drive; zinc pltd w/chromate; 6mm dia thd; 16mm lg; 16mm thd lg; class 6g thd (K7766) BS4183	2-1-4-2/42
5340-99-052-2485	CAP, PROTECTIVE, DUST AND MOISTURE SEAL plastics; 5/16IB-24 UNF; 40mm h; 70mm dia; sealing; w/1 thd centre hole. (U0198) 4/34608	2-1-4/41
4020-99-052-5360	ROPE, FIBROUS parafil type A; 11mm dia; 2 tonne nom breaking load (U5372) 1004	2-1-4-1/6
4030-99-075-9260	SWAGING SLEEVE, WIRE ROPE copper alloy; 3mm dia material accommodated; 10.49mm lg; 7.01mm w; 11mm h (U0198) AL55	2-1-4-1/8 2-1-4-1/11 2-1-4-1/16
4030-99-087-9108	FERRULE, WIRE ROPE copper alloy; 16mm dia accommodated material (U2274) INTAL CU 8	2-1-4-1/19
5365-99-100-7986	RING, RETAINING steel; 0.044in min-0.050in max; 1.25in dia; 1.306in min; 1.316in max groove dia and 0.051in min; 0.055in max w of groove (U0159) S99-6901	2-2/25
4030-99-107-6516	THIMBLE, ROPE cres; split oval; 0.24in dia wire rope; 0.342in thk (K7766) SP67E	2-2/19
4030-99-107-6819	SHACKLE steel; 2-1/4in inside lg, 1in w between eyes (K7766) BS3032 table 1	2-1-1/32 2-1-2/20

N.A.T.O. Stock No.	Item Name and Description Manufacturer and Part / Drawing No.	Chapter / Item No.
5985-99-110-1829	ANTENNA ELEMENT copper and alloy; tin; 184in lg; both ends w/tinned eye type terminations (U0198) 4/4596DET2	2-1-2/14
5310-99-122-6476	WASHER, FLAT steel; rd; peripheral shape; Zn pl & passivated; rd centre hole shape; M10 nom bolt or screw size; 21mm nom od; 2mm nom thk (K7766) BS4320	2-2/27
5975-99-126-6381	STUFFING TUBE 20mm dia ISO M ext thd; 10mm thd lg; thd nut and barrel mtg; gland body w/2 seals and 2 shrouds (U3212) E1W20SS	2-1-4/9
5975-99-127-4778	ADAPTOR, ELECTRICAL CONDUIT steel; zinc coated (galvanized); M32-6g and M20-6h thds; 20mm id; 32mm od (U0606) 744/G	2-1-4/4
5305-99-135-0691	SCREW, MACHINE ISO M; steel; pan No. 2 hd; slot drive; Cd pl; 3mm x 0.5mm pitch; 16mm o/a lg; class 6g thd; 3.92 N/sqmm; grade 4.8 (K7766) BS4183	2-2/31
5310-99-135-0765	NUT, PLAIN, HEXAGON steel; ISO M; chamfered bearing surface; Cd pl; 3mm by 0.5mm pitch; 5.5mm w a/f; 2.4mm o/a h; grade 4; hex (K7766) BS3692	2-2/32
5310-99-137-0207	WASHER, SPRING TENSION corrosion resistant steel; 3.0mm nom bolt size; 6.40mm od; 0.61mm o/a h (K7766) BS4463-1969	2-2/33
5315-99-138-2201	PIN, COTTER, SPLIT steel; phosphate finish; 0.062in dia; 0.750in lg; extended prong chisel point (K7766) BS1574	2-2/26
6145-99-147-4404	WIRE, ELECTRICAL 7 strands; 0.9140mm strand dia; copper (U0198) E5	2-1-4-1/17

N.A.T.O. Stock No.	Item Name and Description Manufacturer and Part / Drawing No.	Chapter / Item No.
4010-99-168-8154	GUY plastics;6706mm nom lg;w/2 clevis; (K0836) SCSHQ/173296	2-1-2/19
4030-99-169-0964	TERMINAL, ROPE, SWAGING al alloy; anodized; 225mm lg; 60mm major dia w/hole 22.4mm dia through forked end; 10.5 tonne nom breaking load; 13.5mm dia rope accommodated; supplied w/clevis pin (U5372) 1564	2-1-4-2/8
5340-99-173-0829	TURNBUCKLE steel; 1in fork/fork rigging screws; c/w inspection holes (U0198) BP137	2-1-4-2/18
4030-99-200-7188	SHACKLE steel;2 ton SWL;large dee type;Zn pl; 0.75in nom dia; 2.875in nom lg; 1.5in between eyes (K7766) BS3032 table 2	2-2/5
5120-99-203-4188	GRIP, CABLE, WOVEN zinc coated (galvanised); five 2.95mm dia wire ropes to suit 10mm dia wire rope; colour coded blue; looped at one end (K3487) BWDE 5715831R	2-1-4-2/29
4030-99-219-4656	TERMINAL, ROPE, SWAGING al alloy; anodized; 168mm lg; 44mm major dia w/hole 16mm dia through forked end; 6 tonne nom breaking load; 11mm dia rope accomodated; supplied w/clevis pin (U5372) 1563	2-1-4-2/20
5310-99-219-5462	NUT, PLAIN, HEXAGON 1/4-28 UNF; cres; zinc plated w/chromate; class 2B thd; rh (U4021) FO.250-HFA2-ZC1	2-1-4/32
5340-99-244-9062	CLAMP, BEAM GRIPPING iron; zinc plated; M10 by 1.5mm pitch; adjustable range 0 to 30mm; c/w bolt; 1.2kn load; 20nm torque (U6624) F310NC	2-1-4-1/29
4010-99-245-1237	WIRE ROPE, STEEL steel; zinc coated (galvanized); 4.6m max lg; 11.5mm dia; 15400lbs breaking strength (U0198) BQ92	2-1-4-2/24

N.A.T.O. Stock No.	Item Name and Description Manufacturer and Part / Drawing No.	Chapter / Item No.
4030-99-250-7627	THIMBLE, ROPE steel; oval; 1in inside w; 1.5in inside lg; Zn coated (galvanized) (K7766) BS464	2-2/39
4010-99-300-6921	GUY plastics & steel; galvanised; wire rope; 3 ferrules and 1 thimble; soft eye 6ft from thimble end to accomodate insulator; 20ft lg from inside thimble to end; w/o insulator strain (K0836) SCSHQ/118577	2-1-1/25
4030-99-302-1796	THIMBLE, ROPE nylon; 32mm o/a lg; oval; 5mm dia rope accomodated; black (K1333) F1288	2-1-4-1/9 2-1-4-1/12
5985-99-310-8800	ANTENNA ELEMENT copper and alloy; tin; 847in. lg; wire tinned lin. one end, other end w/tinned eye type termination (U0198) 4/4597DET2	2-1-2/13
4030-99-327-4206	SHACKLE cres; anchor fitting; 6mm stock dia; 21mm inside lg; 12mm inside w between eyes; 1800kg breaking strength (U0198) BP150N	2-1-4-1/3
3020-99-341-8357	PULLEY, GROOVE brass; 19mm dia; suitable for 4mm max wire (U0198) AL64	2-1-4-1/15
4010-99-350-6639	WIRE ROPE, STEEL steel; zinc coated (galvanized); bulk lg; 14mm dia; 22000lbs breaking strength (U0198) BN148	2-1-4-2/13
5975-99-352-5320	COUPLING ROD, GROUND bronze; 70mm lg; 5/8in-11UNC; wrenching facility 20.6mm w a/f, 20mm lg (K2129) CG270	2-1-4/54
4010-99-356-4425	WIRE ROPE ASSEMBLY, SINGLE LEG Cu; swaged; Cd pl; 7010mm nom lg; terminal attachment (U0198) 4/34175/WB230M	2-1-1/13

N.A.T.O. Stock No.	Item Name and Description Manufacturer and Part / Drawing No.	Chapter / Item No.
4020-99-361-5074	ROPE, FIBROUS parafil type G; 11mm dia; 6 tonne nom breaking load (U5372) 1163	2-1-4-2/21 2-1-4-2/27
5305-99-391-1142	SCREW, CAP, HEXAGON HEAD cres; zinc pltd w/chromate; ISO M; 6mm dia thd; 30mm lg; class 6g thd (K7766) BS3692	2-1-4-1/20
5340-99-406-2340	PIN, QUICK RELEASE steel; Cd pl; 3/8in. dia, 4-7/64in. grip lg (U1595) 3201-0641	2-2/29
5310-99-417-9168	NUT, PLAIN, HEXAGON BSW; steel; Zn pl; 0.82in w a/f; 0.43in nut h (K7766) BS1083	2-2/36
4010-99-425-3434	WIRE ROPE ASSEMBLY, SINGLE LEG 70-15/64in. lg, 5/16in. od; 1680lb safe operating load (K4787) GM4532B	2-2/9
4010-99-432-3240	GUY plastics; 1140in. o/a lg; w/2 clevis (K0836) SCSHQ118576	2-1-1/29
5120-99-439-1796	GRIP, CABLE, WOVEN zinc coated (galvanized); five 4.47mm dia wire ropes to suit 14mm dia wire rope; colour coded green; looped at one end (K3487) BWDE 5715847R	2-1-4-2/14
4030-99-440-5623	SHACKLE steel; zinc coated (galvanized); chain fitting; 0.75in stock dia; 2.75in inside lg; 1.25in inside w between eyes; 78400 psi min ts; 5600lbs safe operating load; 11200lbs proof test load (K7766) BS3032	2-1-4-2/16
5306-99-442-6315	BOLT, MACHINE ISO M; steel; hex hd; zinc coated (galvanized); 16mm dia; 40mm lg; class 6g thd (K7669) 11200416040A	2-1-4-2/4

N.A.T.O. Stock No.	Item Name and Description Manufacturer and Part / Drawing No.	Chapter / Item No.
5310-99-461-2867	WASHER, FLAT steel; rd; zinc coated (galvanized); rd hole; 10.5mm id (K7669) 11107310000A	2-1-4-2/36
5920-99-464-7201	LIGHTNING ROD steel; zinc plated; 5/8in-11BSW; chamfer 25mm lg 1st end; 70mm thd lg 2nd end (U0198) 4/22890 ITEM 1	2-1-4/38
4030-99-470-7613	THIMBLE, ROPE steel; oval; 0.9in. inside w, 1.8in. inside lg; 0.31in. max dia material accomodated (K7766) SP67/G	2-1-1/4 2-1-2/4
5340-99-500-8471	CLIP, SPRING TENSION steel; phosphate painted black; 14mm w; 16.5mm h; accommodates panel 8mm to 12mm thk and cable 12mm to 14mm dia (U4603) SCC 018	2-1-4/5
5975-99-500-8538	ROD SECTION, GROUND steel; copper plated; 1.2m lg; 5/8in-11UNC (K2129) RB205	2-1-4/53
4030-99-500-8545	SHACKLE steel; zinc coated (galvanized); chain fitting; 0.375in stock dia; 1.5in inside lg; 0.75in w between eyes; 78400 psi min ts; 1140lbs safe operating load; 2240lbs proof test load (K7766) BS3032	2-1-4/23
5985-99-513-6483	ANTENNA ELEMENT copper, copper alloy & plastics; tin; 1124.5in. lg; wire tinned lin. one end, other end w/attachment wire w/tinned eye type termination; 5.75in. min from junction to eye centre (U0198) 4/4595DET5	2-1-3/15
4010-99-513-6484	GUY plastics and steel; galvanized; wire rope; 5 ferrules and 1 thimble; w/2 soft eyes; 9in. min lg from inside thimble to end (U0198) 4/7477	2-1-3/20

N.A.T.O. Stock No.	Item Name and Description Manufacturer and Part / Drawing No.	Chapter / Item No.
5305-99-517-1803	SCREW, MACHINE BSW; steel; flat fillister hd; slot drive; Zn coated(galvanized); 0.375in thd lg; 0.375in fastener lg (U0198) BH52	2-1-1/77 2-1-2/68 2-1-3/62
3940-99-519-7422	BLOCK, TACKLE for use w/wire & fibre rope; single sheave; 4.75in od; swivel eye type; max proof test load 2722Kg (6000lb) PROOF TEST CERTIFICATE REQUIRED (K3977) 372	2-1-1/40 2-1-2/33 2-1-3/29 2-1-4/22
4030-99-527-7687	SHACKLE steel; zinc coated (galvanised); 1.5in inside lg; 0.750 between eyes; 0.375in stock dia; 78400.0lbsf per sq in; end condition threaded PROOF TEST CERTIFICATE REQUIRED (K7766) BS3032 table 2	2-1-3/30
5310-99-535-5630	WASHER, FLAT steel;rd;Zn pl:rd hole;6.55mm nom hole dia;12.25mm nom od;1.6mm nom thk (K7766) BS4320	2-1-1/16 2-1-4/59 2-1-4-1/21
4020-99-535-8310	ROPE, FIBROUS parafil type F; 13.5mm dia; 10.5 tonne nom breaking load (U5372) 1044	2-1-4-2/9
4010-99-537-3336	CHAIN, WELDED brass; straight link; 15SWG (0.072in) dia stock, 30 links per ft; 12in o/a lg (K1502) WELDLINKOVAL CHAIN	2-2/30
4030-99-553-1561	LINKPLATE steel; Zn pl; fork one end; w/thro hole 21mm dia,1 hole 24mm dia; 63.50mm c to c; 120.5mm nom lg; 57mm nom w; 23mm nom h (K0836) SCSHQ118595	2-1-1/30 2-1-2/25
5310-99-553-1788	WASHER, LOCK steel; split helical ring; Zn coated(galvanized); 0.976in od; 0.144in(9SWG)thk; 0.625in hole dia (K7766) BS1802	2-1-1/44 2-1-1/74 2-1-2/37 2-1-2/65 2-1-3/33 2-1-3/59

N.A.T.O. Stock No.	Item Name and Description Manufacturer and Part / Drawing No.	Chapter / Item No.
4030-99-553-2777	TERMINAL, ROPE, SWAGING al alloy; anodized; 123mm lg; 30mm major dia w/hole 9.6mm dia through forked end; 2 tonne nom breaking load; 11mm dia rope accommodated; supplied w/clevis pin (U5372) 1503	2-1-4-1/26
5305-99-563-6110	SCREW, CAP, HEXAGON HEAD cres; zinc plated, w/chromate; ISO M; 8mm dia thd; class 6g thd; hex hd; 20mm o/a lg (K7766) BS3692	2-1-4/30
5340-99-567-0916	TURNBUCKLE steel; 0.875in fork/fork rigging screws; c/w inspection holes (U0198) BP181	2-1-4-2/25
5305-99-591-4322	SCREW, CAP, SOCKET HEAD UNC; steel; phosphate coated & dyed black; knurled hd; 0.625in UNC; 38mm lg; 38mm thd (K2129) ST200	2-1-4/55
5340-99-591-4501	BRACKET, ANGLE steel; zinc coated; angle; 89 and 91 deg angle: 10.3mm lg 1st leg; 75mm wd 1st leg; 3mm thk 1st leg; 171mm max lg 2nd leg; 75mm wd 2nd leg; 3mm thk 2nd leg (U0198) 4/34609	2-1-4/43
5305-99-594-5714	SCREW, CAP, HEXAGON HEAD ISO M; cres; zinc pltd w/chromate; 10mm dia thd; class 6g thd; hex hd; 30mm o/a lg (K7766) BS3692	2-1-4-1/23
5306-99-594-5715	SCREW, CAP, HEXAGON HEAD cres; zinc plated, w/chromate; ISO M; 10mm dia thd; class 6g thd; hex hd; 25mm o/a lg (K7766) BS3692	2-1-4/60
4030-99-618-9325	STAKE, GUY steel; 30in. o/a lg; painted dark grey (U0198) CS19035	2-1-1/37 2-1-2/30 2-1-3/26 2-1-4/26
5940-99-622-7052	SPLICE, CONDUCTOR copper alloy; tin plated; 0.938in. lg; 0.870in. wd; 0.750in h; bolt w/nut type fixing (K1793) HD10	2-1-1/18 2-1-1/58 2-1-2/9 2-1-2/51 2-1-3/14 2-1-3/47

N.A.T.O. Stock No.	Item Name and Description Manufacturer and Part / Drawing No.	Chapter / Item No.
5940-99-622-7053	SPLICE, CONDUCTOR mechanical compression; 19mm lg, 13.34mm w; 2 conductors accommodated; 2.7mm dia to 4.10mm dia; continuous & terminated; Cu alloy; tinned (U1022) LTHD09	2-1-1/17
5310-99-623-8105	WASHER, LOCK steel; split helical ring; Zn coated(galvanized); 0.312in hole dia; 0.503in od; 0.08in(14SWG)thk (K7766) BS1802	2-1-1/68 2-1-2/59 2-1-3/53
4030-99-624-5499	SHACKLE 0.75in between eyes; 0.375in stock dia; 1.5in dia; hex hd (K3206) COMMERCIAL PAT DEE 3/8 x 3/8	2-1-1/38 2-1-2/31 2-1-3/27 2-1-4/24
5305-99-624-7108	SCREW, MACHINE cres; hex hd; 0.75in thd lg; 0.75 fastener lg; slot drive (U0198) BH35	2-1-1/10 2-1-2/10 2-1-3/8
5310-99-626-9313	WASHER, FLAT steel; rd; zinc coated(galvanised); 1.25in od; 0.656in hole dia; 0.116in thk (K7766) BS3410	2-1-1/53 2-1-2/46 2-1-3/42 2-1-4/40 2-1-4/51 2-1-4-2/46
5310-99-626-9314	NUT BSW, steel, full bearing, galvanised 5/8in by 9/16in o/a h (U0198) BJ7	2-1-4/39
5985-99-626-9316	GRIP, GUY, DEAD END to suit 8mm dia norseslay polypropolene rope (U0198) CA67	2-1-1/21 2-1-2/16
5970-99-626-9317	INSULATOR, STRAIN porcelain; 127mm od; 85mm h; 97mm radial groove dia; central groove 19mm w (K0836) SCSHQ154313	2-1-1/26 2-1-2/17 2-1-3/19
5985-99-626-9318	INSULATOR alumina, glazed; 3in od; 3in h; 1/2in id (U0198) R64	2-1-1/76 2-1-2/67 2-1-3/61 2-1-4-2/41

N.A.T.O. Stock No.	Item Name and Description Manufacturer and Part / Drawing No.	Chapter / Item No.
5310-99-626-9319	NUT, PLAIN, HEXAGON BSW; steel; full bearing; zinc coated(galvanised); 0.312in h (U0198) BJ36	2-1-1/62 2-1-2/54 2-1-3/49
5310-99-626-9320	WASHER, FLAT steel; rd; zinc coated(galvanised); 0.75in od; 0.395in hole dia; 0.072in thk (K7766) BS3410	2-1-1/36 2-1-1/56 2-1-1/63 2-1-2/29 2-1-2/49 2-1-3/24 2-1-3/45
5985-99-626-9322	PREFORMED DEAD END type NWRDE 7/16in (U0198) CA75	2-1-2/22
5306-99-626-9323	BOLT, MACHINE BSW; steel, hex hd, galvanised, 5/8in by 2in lg (U0198) BE3	2-1-1/43 2-1-1/73 2-1-2/36 2-1-2/64 2-1-3/32 2-1-3/58
5306-99-626-9324	BOLT, MACHINE BSW; steel, hex hd, galvanised, 3/8in by 1-1/4in lg (U0198) BF18	2-1-1/35 2-1-1/55 2-1-2/28 2-1-2/48 2-1-3/23 2-1-3/44
5985-99-626-9325	WASHER, LOCK mild steel, galvanised; rd; 3/8in nom bolt size, 3/4in od (U0198) BK86	2-1-1/57 2-1-2/50 2-1-3/25 2-1-3/46
5310-99-629-8768	WASHER, FLAT M4 (K7766) BS4320	2-1-4/48
9525-99-630-0228	WIRE seizing type; 7/19 construction; 21b coil (U0198) BQ65	2-1-4/35
5340-99-630-0232	TURNBUCKLE steel; 1/2in nom size; double ended; 347mm closed lg; 540mm open lg; BSW; Zn pl(galvinised) (K2991) 29	2-1-1/3 2-1-2/3 2-1-3/3 2-1-4-1/28

N.A.T.O. Stock No.	Item Name and Description Manufacturer and Part / Drawing No.	Chapter / Item No.
5310-99-630-3082	WASHER, FLAT cres; lin od; rd; 0.27in hole dia; 0.064in thk (K7766) BS3410	2-1-1/47 2-1-2/40 2-1-3/36
5340-99-630-3957	BRACKET, ANGLE steel; zinc coated(galvanised); 1.031in first lg; 2in second lg; 0.125in first thk; 0.125in second thk; 0.75in first w; 0.75in second w; plain mounting (K0836) 90G109779	2-1-1/34 2-1-1/54 2-1-2/27 2-1-2/47 2-1-3/22 2-1-3/43
5820-99-630-4095	ANTENNA ELEMENT Cu; straight shape; 106ft 8in o/a lg (U0198) 4-4597	2-1-1/60 2-1-3/10
5985-99-630-4096	SPACER WIRE Cu; one 1-eye each end; 15ft 4-13/16in lg; 1/4in dia @ centre (U0198) 4-4596-2	2-1-3/11
5940-99-630-4098	TERMINAL STRIP, GROUNDING Cu; 1273mm o/a lg; 22mm o/a w (U0198) 3-4681	2-1-1/49 2-1-2/42 2-1-3/38
5975-99-630-4099	PLATE, ELECTRICAL GROUNDING Cu; 3in tin pl one end; rect; 36in lg, 1in w, 1/3in thk (U0198) 4-4680	2-1-1/52 2-1-2/45 2-1-3/41
5920-99-630-4266	ARRESTER, LIGHTNING steel; zinc coated(galvinised); 3/8in by 1-3/4in by 2in w/3/8in whit thd 1-11/16in (U0198) 4-4586	2-1-1/61 2-1-2/53 2-1-3/48
5820-99-630-4269	ADAPTOR, ANTENNA TO TRANSMITTER 1-5/8in E.I.A. to open wire socket adaptor assy; w/associated hardware (U0198) 4/4873	2-1-1/66 2-1-2/57 2-1-3/51 2-1-4/29
5340-99-630-4270	STRAP, RETAINING steel; Zn pl(galvinised); 3mm thk; 240mm lg; 25mm w; 18mm o/a h; 1 hole 17.5mm dia; 1 slot 38.5mm lg; 12.5mm w (U0198) 3-4592	2-1-1/71 2-1-2/62 2-1-3/56
5985-99-630-4271	PLATE, ANTENNA MAST brass; Ni pl; 2in. lg; 1.75in. wd; 0.125in. h; three 11/32in dia fixing holes (U0198) 4-4593	2-1-1/9 2-1-2/12 2-1-3/7

N.A.T.O. Stock No.	Item Name and Description Manufacturer and Part / Drawing No.	Chapter / Item No.
5310-99-630-5174	WASHER, FLAT lead; rd hole; 0.312in. dia; 3.125in. od; 0.062in. thk (U0198) 4/25974	2-1-1/78 2-1-2/69 2-1-3/63 2-1-4-2/43
5820-99-630-5175	TOP UNIT, INSULATOR steel; Zn pl(galvinised) finish; 19-1/4in lg; 17in w; 4-7/8in h approx o/a dim (U0198) 2-4584	2-1-1/75 2-1-2/66 2-1-3/60
5820-99-630-6812	BRACKET, AERIAL brass; Ni pl; 3in lg, 2-5/8in w, 1-7/8in d o/a dims (U0198) 3-4682-3	2-1-1/8 2-1-2/8 2-1-3/13
5820-99-630-9661	GUY polyester rope; MS thimble; 90ft effective lg (K0836) 90G109806/2	2-1-2/6
5820-99-630-9662	GUY plastics, polyester; 1500in. lg; rope; ferrule 1 and thimble 1 (K0836) 90G109806/1	2-1-1/6
5310-99-631-1657	NUT, SELF-LOCKING, HEXAGON 1/4-20BSW; cres; free-running, all metal design; 7/16in.w a/f; 5/16in.h; 0.312in lg thd (K2158) 5420-1/4IN BSW	2-1-1/11 2-1-2/11 2-1-3/9
5340-99-631-9783	TURNBUCKLE steel; 1-1/8in nom size; double ended; 14in. take up; BSW; galvinised; both screws 7in lg (K2991) 29	2-1-1/19 2-1-2/15 2-1-3/16
5985-99-633-0323	GRIP, CABLE steel; galv; u/w norseman plastic filled steel wire rope, norselay 7 x 7 constn; 14mm dia o/a, 50in lg; colour coded blue (K3487) 5715824	2-1-1/22
5985-99-633-0324	GRIP, CABLE steel; 40in lg, 11.5mm o/a dia; plastic filled steel wire rope (K3487) 5715809	2-1-3/18 2-2/16

N.A.T.O. Stock No.	Item Name and Description Manufacturer and Part / Drawing No.	Chapter / Item No.
5985-99-633-0325	GRIP, CABLE steel; galv; u/w norseman plastic filled steel wire rope, norselay 7 x 7 constn, 9.65mm o/a; 38in lg; colour coded orange (K3487) 5715808	2-2/18
4030-99-633-4336	SHACKLE steel; 1-3/8in inside leg; 5/8in between eyes; galvanised (K7766) BS3032 table 1	2-1-1/2 2-1-2/2 2-1-2/34 2-1-3/2
5999-99-633-4337	CLAMP, ELECTRICAL brass; tinned; nut type fixing; mtd by 1/4in whit tapped hole 11/16in d, 1-1/2in o/a lg, 45/64in w a/f (K1793) HD10T	2-1-1/45 2-1-2/38 2-1-3/34
5340-99-633-4808	CLAMP, I BEAM GRIPPING malleable iron; galvanised; 2-1/16in lg, 1-1/2in w, 2-1/8in h (K1343) F3	2-1-1/65 2-1-2/56 2-1-3/50
3940-99-633-8699	BLOCK, TACKLE tufnol shell and sheave; shell lg 6.312in; sheave dia 2.750in; steel pin, ptfе bearing (K3977) 409-1A	2-2/43
5306-99-633-8700	BOLT, SHOULDER Whit; steel; hex hd; Cd pl & pass; 1/2in by 18.50mm scr lg; 20mm dia by 32mm lg shoulder; 50mm lg (K0836) 90G109925	2-2/35
5315-99-633-8701	PIN, GROOVED, HEADED steel; flat hd; Cr pl; 10mm dia, 80mm lg (K0836) 90G110368	2-2/28
5985-99-633-8702	HANDLE AND CLAMP NUT ASSEMBLY steel; 200mm lg; 75mm wd; comprising clamping nut, 3/8in. dia bar, 2 off collar (K0836) 90G110372	2-2/23
5306-99-633-8703	BOLT, MACHINE ISO M; hd rd w/wrench flats; Ni pl; 12mm by 1.25, 40mm scr lg; 6g thd (K0836) 90G110374	2-2/24

N.A.T.O. Stock No.	Item Name and Description Manufacturer and Part / Drawing No.	Chapter / Item No.
5985-99-633-8714	GUY terylene; 50ft 1/8in lg (K0836) 90G110008	2-2/8
3020-99-633-8715	PULLEY, GROOVE srbf; rd shape; single groove; 800mm od, 26mm lg; 300mm od hub; straight bore (K0836) 90G109924	2-2/40
5340-99-635-5068	TURNBUCKLE steel; 0.75in fork/fork rigging screws; c/w inspection holes and lock nuts (U0198) BP77	2-1-4-2/32
5340-99-646-6397	BRACKET, ANGLE steel; Zn pl; angle 90 deg; 3in lg, 3-1/2in w, 3/16in thk 1st leg, 4in lg, 3-1/2in w, 3/16in thk 2nd leg (U0198) 3/5405	2-1-1/70 2-1-2/61 2-1-3/55
5975-99-646-6403	GUY plastics and steel; 6100mm lg; wire rope type: furnished items, ferrule 3 and thimble 1; w/1 intermediate soft eye to accomodate E.I. egg insulator (U0198) 4/7474	2-1-1/24 2-1-2/23
5975-99-646-6404	GUY plastics and steel; 9100mm lg; wire rope type: furnished items, ferrule 5 and thimble 1; w/2 intermediate soft eyes to accommodate E.I. egg insulator (U0198) 4/7473	2-1-1/23 2-1-2/18
5306-99-646-6406	BOLT, MACHINE BSW; steel; hex hd; galvanised; 3/8in by 1in (U0198) BF39	2-1-1/64 2-1-2/55
5995-99-646-6408	LEAD, ELECTRICAL terminal lug both ends; 10in. o/a lg (U0198) 3815P DET 1	2-1-1/69 2-1-2/60 2-1-3/54
5305-99-649-4427	SCREW, MACHINE BSW; stainless steel; hex hd; 3/8in w, 1in lg (U0198) BF19	2-1-1/50 2-1-2/43 2-1-3/39

N.A.T.O. Stock No.	Item Name and Description Manufacturer and Part / Drawing No.	Chapter / Item No.
5310-99-649-4532	NUT, PLAIN, HEXAGON stainless steel; 3/8BSW (U0198) BJ32	2-1-1/51 2-1-2/44 2-1-3/40
5305-99-649-4533	SCREW, MACHINE BSW; stainless steel; hex hd; 1/4in by 1/2in lg (U0198) BH26	2-1-1/46 2-1-2/39 2-1-3/35
5985-99-649-4539	MAIN WIRE, ANTENNA Cu wire; 7/.064; 211ft 4in lg (U0198) 4/4595	2-1-1/33
4030-99-649-4540	SHACKLE stainless steel; inside leg 24mm. 14mm between eyes (K3977) 529L	2-1-1/7 2-1-2/7 2-1-3/12 2-1-4-1/4
4030-99-660-5985	THIMBLE, ROPE steel; galvanised; 0.75in. dia; 2in. inside wd; 5.125in. inside lg; split oval (U0198) 4/7397DET3	2-1-1/20 2-1-2/21 2-1-4-2/15
4010-99-660-5986	GUY plastics; 17069mm nom lg; w/2clevis; 7500Kg nom breaking strength (K0836) SCSHQ173297	2-1-2/24
5305-99-660-7079	SCREW, CAP, HEXAGON HEAD cres; BSW; 0.312in. dia thd; class 2a thd; hex hd; 0.75in. o/a lg (U0198) BG30	2-1-1/67 2-1-2/58 2-1-3/52
5310-99-661-2761	WASHER, FLAT cres; rd; rd hole; 0.270in id; 1in od; 0.064in thk (K7766) BS3410	2-1-4/33
5120-99-662-6869	GRIP, CABLE, WOVEN zinc coated (galvanised); five 3.36mm dia wire ropes to suit 12mm dia wire rope; colour coded brown; looped at one end (K3487) BWDE 5715844R	2-1-4-2/23

N.A.T.O. Stock No.	Item Name and Description Manufacturer and Part / Drawing No.	Chapter / Item No.
5920-99-663-9297	ARRESTER, LIGHTNING 3.5in lg; 5/16in-24UNF-2A; flange 2.75in dia w/6 x 0.177in dia holes equally spaced on 2.38in dia bolt circle; metallic housing; ceramic bushing; 3 to 4kv dc sparkover (23663) 1903-26	2-1-4/45
6210-99-664-5781	LENS, LIGHT glass lens; red (U1758) 10623	2-1-4/13
4010-99-701-5511	GUY plastics, polyester; 4877mm o/a lg; w/2 clevis (K0836) SCSHQ173648	2-1-3/21
4030-99-701-5533	FERRULE, WIRE ROPE Cu; 5.7mm minor id, 11.65mm major id; 2.4mm lg wall thk, 18.5mm lg (U2274) TALURIT NO. 5 type C	2-1-2/71
5310-99-702-5626	WASHER, FLAT cres; rd; zinc plated w/chromate; rd hole; 8.7mm max id; 17mm max od; 1.8mm max thk (K7766) BS4320	2-1-4/31
5305-99-702-5671	SCREW, CAP, HEXAGON HEAD cres; zinc plated, w/chromate; ISO M; 6mm dia thd; class 6g thd; hex hd; 12mm o/a lg (K7766) BS3692	2-1-4/58
4030-99-749-7825	SHACKLE steel; 1-1/2in inside leg; 5/8in between eyes; 0.5 ton SWL (K7766) BS3032	2-2/42
5985-99-765-4433	ANTENNA ELEMENT copper, copper alloy & plastics; tin; 168in. lg; wire tinned lin. one end, other end w/attachment wire w/tinned eye type termination; 5.75in. min from junction to eye centre (U0198) 4/4595DET4	2-1-2/26
4010-99-765-4434	GUY plastics; polyester; 840in. o/a lg; w/2 clevis; 3500Kg nom breaking strength (K0836) SCSHQ133629	2-1-1/28

N.A.T.O. Stock No.	Item Name and Description Manufacturer and Part / Drawing No.	Chapter / Item No.
4030-99-767-8673	SHACKLE steel; 1-7/8in inside lg; 7/8in w between eyes; 1 tonne SWL (K7766) BS3032	2-1-4-2/26
5820-99-778-1717	GUY plastic; thimble; 840in nom lg (K0836) 90G109806/3	2-1-3/6
4030-99-780-5489	THIMBLE, ROPE steel; 1-1/2in. max inside w, 3-1/4in. max inside lg; zinc coated (U0198) BN72	2-1-3/5 2-1-4-2/28
5920-99-781-3981	FUSE, CARTRIDGE tube type; 250Vac; 5A; delay time; no visual indication; 1.250in lg, 0.250in dia body (K2504) 414-055	2-1-4/6
5940-99-786-6164	TERMINAL, LUG solder; 23.4mm lg; 23.4mm w; 1.2sq mm; straight 1 hole mtg; phosphor bronze; hot tin dip; 30 deg angle between mtg facility and conductor accommodation centrelines (U1748) 201099	2-1-4/12
5305-99-792-3972	SCREW, CAP, HEXAGON HEAD steel; zinc plated w/chromate; ISO M; class 6g thd; hex hd; 25mm lg (K7766) BS3692	2-1-1/14
5310-99-792-5359	NUT, PLAIN, HEXAGON ISO M; cres; chamfered bearing surface; zinc plated w/chromate; 10mm dia; 17mm max w a/f; 8mm max o/a h; class 6h thd; RH thd (K7766) BS3692	2-1-4/61 2-1-4-1/25
5310-99-792-5360	WASHER, FLAT cres; rd; zinc pltd w/chromate; rd hole; 10.9mm max id; 21.00mm max od; 2.20mm max thk (K7766) BS4320	2-1-4-1/24
4030-99-793-7599	SHACKLE steel; galvanised; 1.5in inside leg; 0.75in inside w/between eyes, 10 CWT SWL PROOF TEST CERTIFICATE REQUIRED (K7766) BS3032	2-1-1/41

INDEX OF RANGED SPARES BY N.A.T.O. STOCK NUMBER

AP116E-1727-3
Edition 2

N.A.T.O. Stock No.	Item Name and Description Manufacturer and Part / Drawing No.	Chapter / Item No.
4030-99-793-7606	THIMBLE, ROPE steel; split oval; 1-9/16in.inside w; 3-5/8in.inside lg; zinc coated (galvanised) (U0198) 4/7397/2	2-1-3/17 2-1-4-2/12 2-1-4-2/22
4030-99-794-2440	THIMBLE, ROPE nylon; oval fitting; 0.812in inside w; 1.562in inside lg; 8mm dia material accommodated (K1333) F1182	2-1-4-1/18
4030-99-796-2580	SHACKLE steel; zinc coated (galvanized); chain fitting; 0.625in stock dia; 2.25in inside lg; 1in inside w between eyes; 80640 psi min ts; 3920lbs safe operating load; 7840lbs proof test load (K7766) BS3032	2-1-4-2/19
4030-99-811-8851	SWAGING SLEEVE, WIRE ROPE al alloy; 13mm dia material accommodated; 39.2mm lg; 25mm w; 46mm h (D8286) DIN3093-13-AL	2-1-4-2/11
4730-99-812-2109	ADAPTER, STRAIGHT, PIPE TO TUBE copper alloy; 0.920in a/f wrenching feature. (U0198) 4/19798	2-1-4/11
5999-99-812-2117	STRIP, ELECTRICAL GROUNDING copper; 54in lg, 1.250in wd, 0.125in h; w/1 hole 13/16in dia (U0198) 4/6314	2-1-4/50
5310-99-841-9673	NUT, SELF, LOCKING HEXAGON ISO M; cres, zinc plated and passivate; prevailing torque all metal; 4mm dia thd; 7mm max w a/f; 4.79mm max o/a h; a2-50 or a4-50 (U0198) BJ73	2-1-1/15 2-1-4-1/22
5905-99-842-2620	RESISTOR, STATIC DRAIN (XXXXX) SP-003C	2-1-4/42

N.A.T.O. Stock No.	Item Name and Description Manufacturer and Part / Drawing No.	Chapter / Item No.
5940-99-851-2089	SPLICE, CONDUCTOR mechanical compression type; terminated; uninsulated; copper alloy, gunmetal; 0.625in dia and 40mm w by 12mm thk conductor size accommodated (K2129) CR110	2-1-4/52
5306-99-852-8875	BOLT, MACHINE ISO M; cres; hex hd; zinc plated w/chromate; 8mm dia; 40mm lg; class 6g thd; c/w nut (K1364) P-1059-8-40 AND P-1061-N	2-1-4/16
5310-99-861-9745	NUT, PLAIN, HEXAGON ISO M; stl; chamfered bearing surface; zinc plated w/chromate; 4mm dia; 7mm w a/f; 3.2mm max o/a h; class 6h thd; RH (K7766) BS3692	2-1-4/47
4010-99-883-6064	WIRE ROPE, STEEL steel; zinc coated; 8000mm max lg (U0198) BN95	2-1-4-2/30
4010-99-906-7705	GUY plastics; polyester; 456in. o/a lg; w/2 clevis (K0836) SCSHQ133628	2-1-1/27
4020-99-933-1559	ROPE, FIBROUS polyester; pre-stretched; 3 strand; plain hawser laid Z; 3/4in circumference; 6mm dia; 1250lbf nom breaking load; 1.6316 wt per 100ft; 1000ft lg (K3489) SC1670	2-1-1/39 2-1-2/32 2-1-3/28 2-1-4/25
4020-99-933-1563	ROPE, FIBROUS polyester; pre-stretched; 10mm dia; 3 strand, plain hawser laid Z; 1.25in.n circumference, 1.56 ton force min breaking load, 4.85lb wt per 100ft, 1000ft lg coil (K3489) SC1670	2-2/15 2-2/38
5120-99-933-1564	GRIP, CABLE Al. alloy; neoprene dipped; 24in lg; u/w 6mm dia terylene rope (K3487) 24 NADE 3-41NO-217	2-1-1/5 2-1-2/5 2-1-3/4 2-2/17

N.A.T.O. Stock No.	Item Name and Description Manufacturer and Part / Drawing No.	Chapter / Item No.
5310-99-941-6648	WASHER, LOCK steel; split helical ring; Cd pl; 1/2in nom bolt size; 0.950in od; 0.085in thk (K7766) SP47/N	2-2/37
5310-99-941-8637	WASHER, FLAT steel; rd; Zn pl; rd hole; 33/64in id, 1in od, 3/32in thk (K7766) BS3410	2-1-1/59 2-1-2/52
3940-99-942-4231	BLOCK, TACKLE zinc coated; galvanised o/a; snatch block type; 3.5in. sheave od; 1 sheave quantity; tackle type accommodated; fibrous rope, 0.5in. max dia: 224 pounds max load rating; antitoppling device not included (K0851) E3EC8306	2-2/13
5315-99-944-0183	PIN, COTTER, SPLIT steel; phosphate coated; 1/8in nom dia; 1-1/4in lg (K7766) BS1574	2-1-1/31 2-1-4-2/6
4030-99-944-4464	ANCHOR, GUY steel; galvanised; 1200mm wd; 6mm thk; w.8 holes 14mm dia spaced 75mm c to c (U1725) WT57234	2-2/12(1)
4030-99-956-7453	ANCHOR, GUY steel; screw blade type; 254mm od; 1524mm lg, 64mm dia eyelet at upper end (K3173) 9854	2-2/12(2)
4030-99-960-4348	SHACKLE high tensile steel; 1/2in dia 2-1/8in inside leg; 1-1/8in w between eyes; 15 CWT SWL (K7766) BS3032 table 2	2-2/7 2-2/14
4030-99-960-4349	SHACKLE steel; 2-1/2in inside lg; 1-1/4in w between eyes; 1.5ton SWL (K0851) SSML6-16-1	2-2/20
4030-99-972-0981	PROTECTOR, GUY steel, al spray; 60mm nom lg; "U" guard; one hole 13.5mm dia, one hole 21mm dia (K0836) 90G109926	2-2/34

N.A.T.O. Stock No.	Item Name and Description Manufacturer and Part / Drawing No.	Chapter / Item No.
5305-99-973-3887	SCREW, MACHINE ISO M; cres; flat csk hd; zinc pltd w/chromate; slot drive; 4mm thd dia; 10mm lg7.9mm thd; class 6g thd (K7766) BS4183	2-1-4/46
5940-99-973-3997	SPLICE CONDUCTOR mechanical compression type; 38mm lg; 0.71in nut w a/f; uninsulated; brass; tin plated conductor accommodation and tinned mtg facility; M6 hole 12mm deep through hex body (U0198) 4/33523	2-1-4/57
5306-99-983-9856	BOLT, MACHINE ISO M; steel; hex hd; zinc coated (galvanized); 16mm dia; 45mm fastener lg; class 6g thd; c/w nut (U0198) 4/30019	2-1-4-2/38
6210-99-991-2520	LIGHT, MARKER, AIRCRAFT OBSTRUCTION 220/240V ac; 100W; bayonet cap lampholder; auto change over twin filament lamp w/2 red glass domes (U1758) ZA753/5	2-1-4/3
5905-99-996-0749	RESISTOR, VOLTAGE SENSITIVE 50mm lg, 6mm max h, 17mm max dia; 250vac; 30A; metal oxide type; 580pf; w/2 terminals 30mm lg (U9669) Z250F	2-1-4/7

CHAPTER 4

INDEX OF MANUFACTURERS PART/DRAWING No. TO NATO STOCK NUMBERS

AP116E-1727-3
Edition 2

INDEX OF MANUFACTURERS PART/DRAWING No. TO N.A.T.O STOCK No.

Manufacturers Part/ Drawing No.	N.A.T.O. Stock No.
AL55	4030-99-075-9260
AL64	3020-99-341-8357
BE3	5306-99-626-9323
BF18	5306-99-626-9324
BF19	5305-99-649-4427
BF39	5306-99-646-6406
BG30	5305-99-660-7079
BH26	5305-99-649-4533
BH35	5305-99-624-7108
BH52	5305-99-517-1803
BJ32	5310-99-649-4532
BJ36	5310-99-626-9319
BJ7	5310-99-626-9314
BJ73	5310-99-841-9673
BK86	5985-99-626-9325
BN148	4010-99-350-6639
BN72	4030-99-780-5489
BN95	4010-99-883-6064
BP137	5340-99-173-0829
BP150N	4030-99-327-4206
BP181	5340-99-567-0916
BP77	5340-99-635-5068
BQ65	9525-99-630-0228

Manufacturers Part/ Drawing No.	N.A.T.O. Stock No.
BQ92	4010-99-245-1237
BS1083	5310-99-417-9168
BS1574 (0.062in x 0.75in)	5315-99-138-2201
(1/8in x 1-1/ 4in)	5315-99-944-0183
BS1802 (0.312in)	5310-99-623-8105
(0.625in)	5310-99-553-1788
BS3032 (0.5 ton)	4030-99-749-7825
(1 tonne)	4030-99-767-8673
(10cwt)	4030-99-793-7599
(1140lbs)	4030-99-500-8545
(3920lbs)	4030-99-796-2580
(5600lbs)	4030-99-440-5623
BS3032 table 1 (1-3/8in)	4030-99-633-4336
(1.75 ton)	4030-99-107-6819
BS3032 table 2 (10cwt)	4030-99-527-7687
(15cwt)	4030-99-960-4348
(2 ton)	4030-99-200-7188
BS3410 (0.27in)	5310-99-630-3082
(0.27in)	5310-99-661-2761

AP116E-1727-3
Edition 2

INDEX OF MANUFACTURERS PART/DRAWING No. TO N.A.T.O STOCK No.

Manufacturers Part/ Drawing No.	N.A.T.O. Stock No.
(0.395in)	5310-99-626-9320
(0.656in)	5310-99-626-9313
(1/2in)	5310-99-941-8637
BS3692 (M10)	5310-99-792-5359
(M10 x 25)	5306-99-594-5715
(M10 x 30)	5305-99-594-5714
(M3)	5310-99-135-0765
(M4)	5310-99-861-9745
(M6 x 12)	5305-99-702-5671
(M6 x 25)	5305-99-792-3972
(M6 x 30)	5305-99-391-1142
(M8 x 20)	5305-99-563-6110
BS4183 (M3 x 16)	5305-99-135-0691
(M4 x 10)	5305-99-973-3887
(M6 x 16)	5305-99-052-2231
BS4320 (M10)	5310-99-122-6476
(M10, CRES)	5310-99-792-5360
(M4)	5310-99-629-8768
(M6)	5310-99-535-5630
(M8)	5310-99-702-5626
BS4463-1969 (M3)	5310-99-137-0207

Manufacturers Part/ Drawing No.	N.A.T.O. Stock No.
BS464	4030-99-250-7627
BWDE 5715831R	5120-99-203-4188
BWDE 5715844R	5120-99-662-6869
BWDE 5715847R	5120-99-439-1796
CA67	5985-99-626-9316
CA75	5985-99-626-9322
CG270	5975-99-352-5320
COMMERCIAL PAT DEE 3/8 x 3/8	4030-99-624-5499
CR110	5940-99-851-2089
CS19035	4030-99-618-9325
DIN3093-13-AL	4030-99-811-8851
E1W20SS	5975-99-126-6381
E3EC8306	3940-99-942-4231
E5	6145-99-147-4404
F0.250-HFA2-ZC1	5310-99-219-5462
F1182	4030-99-794-2440
F1288	4030-99-302-1796
F3	5340-99-633-4808
F310NC	5340-99-244-9062
GM4532B	4010-99-425-3434
HD10	5940-99-622-7052
HD10T	5999-99-633-4337

AP116E-1727-3
Edition 2

INDEX OF MANUFACTURERS PART/DRAWING No. TO N.A.T.O STOCK No.

Manufacturers Part/ Drawing No.	N.A.T.O. Stock No.
INTAL CU 8	4030-99-087-9108
LTHD09	5940-99-622-7053
P-1059-8-40 AND P-1061-N	5306-99-852-8875
RB205	5975-99-500-8538
R64	5985-99-626-9318
SCC 018	5340-99-500-8471
SCSHQ118576	4010-99-432-3240
SCSHQ118595	4030-99-553-1561
SCSHQ133628	4010-99-906-7705
SCSHQ133629	4010-99-765-4434
SCSHQ154313	5970-99-626-9317
SCSHQ173297	4010-99-660-5986
SCSHQ173648	4010-99-701-5511
SCSHQ/118577	4010-99-300-6921
SCSHQ/173296	4010-99-168-8154
SC1670 (10mm dia 1.56 ton)	4020-99-933-1563
(6mm dia 1250lbs)	4020-99-933-1559
SP47/N (1/2in)	5310-99-941-6648
SP67E (0.7iw)	4030-99-107-6516
SP67/G	4030-99-470-7613

Manufacturers Part/ Drawing No.	N.A.T.O. Stock No.
SP-003C	5905-99-842-2620
SSML6-16-1	4030-99-960-4349
ST200	5305-99-591-4322
S99-6901	5365-99-100-7986
TALURIT NO. 5 type C	4030-99-701-5533
WELDLINKOVAL CHAIN	4010-99-537-3336
WT57234	4030-99-944-4464
ZA753/5	6210-99-991-2520
Z250F	5905-99-996-0749
1004	4020-99-052-5360
1044	4020-99-535-8310
10623	6210-99-664-5781
11107310000A (M10)	5310-99-461-2867
11200416040A (M16 x 40)	5306-99-442-6315
1163	4020-99-361-5074
1503	4030-99-553-2777
1563	4030-99-219-4656
1564	4030-99-169-0964
1903-26	5920-99-663-9297
201099	5940-99-786-6164

INDEX OF MANUFACTURERS PART/DRAWING No. TO N.A.T.O STOCK No. Edition 2

Manufacturers Part/ Drawing No.	N.A.T.O. Stock No.
24 NADE 3-41NO- 217	5120-99-933-1564
29 (1-1/8in)	5340-99-631-9783
(1/2in)	5340-99-630-0232
2-4584	5820-99-630-5175
3201-0641	5340-99-406-2340
372	3940-99-519-7422
372	3940-99-519-7422
3815P DET 1	5995-99-646-6408
3-4592	5340-99-630-4270
3-4681	5940-99-630-4098
3-4682-3	5820-99-630-6812
3/5405	5340-99-646-6397
409-1A (6851b)	3940-99-633-8699
414-055	5920-99-781-3981
4-4586	5920-99-630-4266
4-4593	5985-99-630-4271
4-4596-2	5985-99-630-4096
4-4597	5820-99-630-4095
4-4680	5975-99-630-4099
4/19798	4730-99-812-2109
4/22890 ITEM 1	5920-99-464-7201

Manufacturers Part/ Drawing No.	N.A.T.O. Stock No.
4/25974	5310-99-630-5174
4/30019	5306-99-983-9856
4/33523	5940-99-973-3997
4/34175/WB230M	4010-99-356-4425
4/34608	5340-99-052-2485
4/34609	5340-99-591-4501
4/34610	5985-99-030-9594
4/4595	5985-99-649-4539
4/4595DET4	5985-99-765-4433
4/4595DET5	5985-99-513-6483
4/4596DET2	5985-99-110-1829
4/4597DET2	5985-99-310-8800
4/4873	5820-99-630-4269
4/6314	5999-99-812-2117
4/7397DET3	4030-99-660-5985
4/7397/2	4030-99-793-7606
4/7473	5975-99-646-6404
4/7474	5975-99-646-6403
4/7477	4010-99-513-6484
529L	4030-99-649-4540
5420-1/4IN BSW	5310-99-631-1657
5715808	5985-99-633-0325
5715809	5985-99-633-0324

