

CENTRAL AVIATION SPARES DEPOT (EME)
QASIM ARMY AVIATION BASE, DHAMIAL CAMP RAWALPINDI
TENDER NOTICE

1. Sealed tender is invited from reputed firms possessing NTN certificates for supply of under mentioned items. Procurement will be carried out in the light of PPRA rules. **Quantity mentioned in tender is approximate requirement for complete financial year, however purchase quantity can be increased or decreased.** Being shelf life items purchase order will be placed in batches / packages in reduced quantity as per immediate requirements / needs. Firms should avoid quoting exorbitant rates.

Ser	Tender No	Detail of Required Stores	No of Items	Delivery Period	Date and Time of Tender	
					Submission	Opening
a.	81201-EME/LP/26-27/IT-15 dated 24 Aug 2026	Misc	(List attached as Annexure A)	30 Days for Local Stores & 90 Days for Foreign Stores	14 September 2026 at 1030 Hrs	14 September 2026 at 1100 Hrs

2. **Submission of Offers by the Firms.**

- a. Quoted rates must be valid up to **30 Jun 2027**.
- b. Delivery Period should be 1 x month for local and 3 x months for imported items.
- c. Those firms which are having pending deliveries of last financial year will not be allowed to participate in tender.
- d. Remaining life of shelf life / life expiry items should be 80% of total life at the time of delivery.
- e. **Bids of firms registered with Central Aviation Spares Depot or having valid Military Intelligence Directorate security clearance for interaction with Army will only be accepted.**
- f. Firm must quote items in separate envelopes clearly marked "Technical Offer" and Commercial Offer" in separate categories Annexures wise as given below. **IT number must be mentioned on both envelopes: -**

Category	Heading on Envelop (Technical)	Heading on Envelop (commercial)
Misc	Annexure A (Technical)	Annexure A (Commercial)

- g. **Technical Offer.** The offer must include the following information / documents which will be evaluated by respective boards for completeness and acceptance: -
 - (1) **Tender Fees (non-refundable) amounting to Rs 3,000/- per tender.**
 - (2) **Bid Security / Earnest Money amounting to 5% of the total amount of bid (unit price x required quantity x 0.05) must accompany in the shape of PAY ORDER / BANK DRAFT in the name of Commandant CASD. Same will be returned on delivery of ordered items. Bid**

Security will be confiscated if bidder withdraws his bid during the period of bid validity, changes his original bid in any manner, fails to deliver item or to provide CDR/ BG (when required/ due). Tender without bid security / earnest money or if the amount of bid security / earnest money deposited is less than 5% of the total amount of bid, will not be entertained.

- (3) Brand name, specification, country of origin.
- (4) The source / firm authorization for all branded items to be imported by the firms. The firms are also requested to provide authorization / license to import these items.
- (5) **Validity of offer should be upto 30 Jun 2027.**
- (6) Delivery period for each item must be mentioned on the quote. Delivery period will start from the date of issuance of Purchase Orders. If firm considers that delivery will not be possible within 1 x month for local and 3 x months for foreign items than firm should approach this office before expiry of delivery period.
- (7) Remaining shelf life / expiry of items should be 80% of total life at the time of delivery.
- (8) The purchaser can waive off any of the conditions stipulated in this tender inquiry and reserve the right to accept or reject thereto.
- (9) Bidders should note that decision of Commandant CASD (EME), Dhamial Camp, Rawalpindi will be final in respect of acceptance / rejection of the offers.
- (10) All samples and supplies will be subject to tests and inspections either by the board of officers constituted for the purpose and any cost incurred on tests / inspections and stores consumed in the same will be borne by the suppliers. Depot may test / inspect samples before placing of purchase orders.
- (11) During warranty period (if stores supplied is/ are backed by warranty), if a fault occurs in supplied stores then supplier will be responsible to either rectify the fault communicated or get the faulty parts replaced within 7 (seven) days of the receipt of information in this regard from the purchaser at his specified places which can be other than the place of delivery of stores. In case supplier fails to rectify the faults or replace the faulty parts in a specified time then purchaser will have the right to take disciplinary action against the supplier and also impose penalty if considered necessary / appropriate.
- (12) During warranty period it will be the responsibility of the supplier to carry out periodic maintenance of supplied stores as prescribed by the manufacturers free of cost as purchasers specified places which can be other than the place of delivery of stores.
- (13) In case of an item has no specifications, drawing or approved sample then a board of officers appointed for the purpose will decide its acceptable standards.
- (14) Make / model / brand and country of origin of stores must be mentioned where applicable.
- (15) Manufacturer certificate / Certificate of Conformance of branded items must be provided.
- (16) Prices / rates will be quoted on delivery basis at locations all over Pakistan.
- (17) Prices / rates will be inclusive of all applicable taxes / duties.
- (18) Prices / rates quoted must be as per accounting unit.
- (19) More than one manufacturer / model may also be quoted giving separate

- price of each manufacturer / model.
- (20) Prices / rates will be quoted in Pakistani currency.
- (21) Partial delivery / partial payment will not be accepted / made.
- (22) Payment will be made through Controller Military Accounts Rawalpindi after receipt and acceptance of ordered stores.
- (23) If stores are not delivered within delivery period, penalty will be imposed.
- (24) Items should be packed properly at the time of delivery as per standard packing regime.
- (25) Participation by authorized representatives of concerned firms is mandatory, absence may entail in rejection of bids. In case representative cannot attend the opening proceedings of tender, prior written intimation is mandatory for consideration to accept the bids.
- (26) Technical detail may be sought out by firms.

h. **Commercial Offer.** This offer must include the item wise rate and total amount of stores to be offered. This offered will only be considered after acceptance of technical offer.

- (1) **Opening date / time of commercial offer shall be communicated to all participants, whose technical offers have been accepted / qualified on the completion of technical evaluation.**
- (2) As far as possible Price(s) / Rate(s) must be quoted against each item, where prices / rates are not being quoted this should be reflected by words "NOT QUOTED"
- (3) List of stores(s) (hard copy) will be submitted duly typed, (not hand written) signed and duly stamped on each paper or else offer will be rejected.
- (4) Quoted rates are only valid on firm's letter head.
- (5) No change should be made in tender inquiry provided (part number, nomenclature, accounting unit, photo and technical details/ specifications). Bidders should fill prices / rates in front of the items without deleting / amending any column / row and without disturbing the serial numbers. In case of any change/ amendment in quoted item (without which correct quote is not possible), details of same should be clearly mentioned in bold italics.

3. **Essential Documents Requirement.** Firm shall ensure submission of following essential documents along with technical offer to participate in tender: -

- a. Certificate that firm is neither defaulter nor blacklisted by any Government / Military Organization directly or indirectly.
- b. Undertaking for adequate financial capability to the value of tender.
- c. **Each bid should accompany 5% of the bid amount of items as bid security / earnest money (COMPULSORY) in the shape of PAY ORDER / BANK DRAFT in the name of commandant CASD. Tender without earnest money will not be entertained.**
- d. **Tender fee amounting to Rs. 3,000/- per tender.**

4. **Purchasers Right.** Purchasers do not pledge to accept the lowest or any tender and reserves the right of accepting the whole or any part of the offer made. Firm will be given purchase orders after completion of above formalities. **Liquated Damage charges will be imposed on weekly basis after expiry of delivery period.**
5. **Date and time of receipt of tender.** Tender must reach this depot / dropped in tender box placed at main gate CASD (EME) Rawalpindi by time and date as specified in para 1a above. This office will not accept any excuse of delay occurring in post. Tender received after appointed / fixed time will not be entertained.
6. **Additional details required for each item separately**
 - a. Rate including taxes / duties.
 - b. Delivery period of each item.
 - c. Offer validity till **30 June 2027**.
 - d. Performance guarantee.
 - e. Clarify shipping plan (By Air / Sea).
 - f. Specify warranty period.

For further details contact.

Phone: 051-5686289 or Visit Web site www.ppra.org.pk

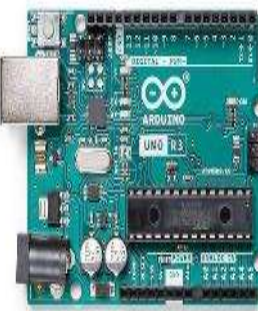
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Ser	Part No	Nomen	A/U	Mil/ Tech Spec	Photo	Description
1.	GB776-076	AMPERE METER	NOS	Used for GSE 5V to 40 V and 10 Amp range with same part number as per OEM		item demanded for manufacture of test bench
2.	400642-003	VOLTEMETER DC	NOS	0-30V range with same part number as per OEM item is generally used for GSE		item demanded for manufacture of test bench
3.	CIEDO/wm-LCD-002	LCD Display	NOS	20x4 dimensional LCD display with same part number as per OEM used generally for GSE		item demanded for manufacture of test bench
4.	MS24524-23	SWITCH,TOGGLE	NOS	4 pole double through toggle switch with same part number as per OEM used generally for GSE		item demanded for manufacture of test bench
5.	140-600	SINGLE POLE SWITCH	NOS	Single pole toggle switch with same part number as per OEM used generally for GSE		item demanded for manufacture of test bench
6.	5355-01-336-5785	KNOB	NOS	15x16.5 mm rotary encoder module with same part number as per OEM used generally for GSE		item demanded for manufacture of test bench
7.	V4/PVD/106-08	POTENTIOMETER	NOS	0-10 kilo ohms variable potentiometer with same part number as per OEM used generally for GSE		item demanded for manufacture of test bench
8.	6114457-003	LIGHT, INDICATION	NOS	LED-based light (commonly 5mm or 3mm) used to visually indicate status or signal presence, typically operating at 3V or 5V. with same part number as per OEM used generally for GSE		item demanded for manufacture of test bench

Ser	Part No	Nomen	A/U	Mil/ Tech Spec	Photo	Description
9.	Z29/PZZC/1676/A	VGA CONNECTOR	NOS	15-pin D-sub connector used for video signal transmission, typically supporting resolutions up to 1920x1080 at 60Hz. with same part number as per OEM used generally for GSE		item demanded for manufacture of test bench
10.	MONITOR 15 NON BRANDED-vga- 041	Video CCT PCB DOAL9FMB031	NOS	VGA cable with heat-resistant insulation, designed to withstand temperatures up to 80°C-90°C for durable, high-performance signal transmission in harsh environments. with same part number as per OEM used generally for GSE		item demanded for manufacture of test bench
11.	0454953-000	SOLDERING WIRE	GM	0.8mm diameter, lead-free solder wire composed of a tin-copper alloy, designed for high-quality, environmentally friendly soldering with a melting point around 227°C. with same part number as per OEM used generally for GSE		item demanded for manufacture of test bench
12.	AVN-NIV-T-106	TERMINAL LUGS	NOS	Metal connectors with a hole for crimping or bolting onto wires, typically made of copper or aluminum, used to securely join electrical conductors in various sizes (e.g., 6mm² to 50mm²). with same part number as per OEM used generally for GSE		item demanded for manufacture of test bench
13.	87VE-016-AL	METALLIC SHEET 4 X 8 FEET, 16 GUAGE	NOS	1.5mm thick steel sheet, commonly used for fabrication, construction, and general metalworking, offering a balance of strength and formability. With same part number as per OEM used generally for GSE		item demanded for manufacture of test bench

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14.	Z42/5935-ZO-213-2438	BNC Connector FEMALE	NOS	A 50-ohm or 75-ohm coaxial connector with a bayonet-style coupling mechanism, typically used for RF signal transmission, supporting frequencies up to 4 GHz. With same part number as per OEM used generally for GSE		item demanded for manufacture of test bench
15.	AVN-SIGS-4908	BNC Connector (Male)	NOS	A 50-ohm or 75-ohm coaxial connector with a bayonet-style coupling mechanism, designed for RF signal transmission, typically supporting frequencies up to 4 GHz Wwith same part number as per OEM used generally for GSE		item demanded for manufacture of test bench
16.	AVN-NIV-B-125	BOX HANDLE 5"	NOS	Specifically, to cover the back of test bench with same part number as per OEM used generally for GSE		item demanded for manufacture of test bench
17.	38.000.90	BAND FOR WRIST JOINT (ESD EQUIPMENT)	NOS	Electrostatic discharge (ESD) wrist strap with a conductive band, designed to prevent static buildup, typically featuring a resistance of 1MΩ and a grounding cord for safe discharge of static electricity. With same part number as per OEM used generally for GSE		item demanded for manufacture of test bench
18.	AVN-503718	NUT BOLT WITH WASHER 8M X 1MM X 50MM (LN KEY TYPE)	NOS	A screw with an L-shaped head designed for specialized applications, offering a unique grip or fastening feature for secure, angled installations. With same part number as per OEM used generally for GSE		item demanded for manufacture of test bench

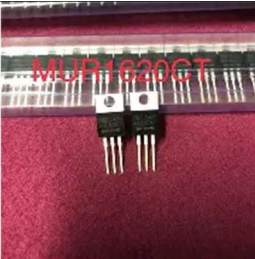
Ser	Part No	Nomen	A/U	Mil/ Tech Spec	Photo	Description
19.	N1/5930-ZO-101-5810	PUSH BUTTTON	NOS	A momentary switch that is activated by pressing, typically with a 5mm-12mm diameter and available in various voltages (e.g., 12V, 24V), used for controlling circuits or devices. With same part number as per OEM used generally for GSE		item demanded for manufacture of test bench
20.	418-10864-000	SELECTOR SWITCH	NOS	A rotary or toggle switch with multiple positions, used to select different operating modes or settings, typically rated for 5A at 250V AC. With same part number as per OEM used generally for GSE		item demanded for manufacture of test bench
21.	AVN-NIV-T-173	CABLE TIE 4"	PKT	4-inch long nylon tie, typically used for securing cables or wires, with a tensile strength of around 18-22 lbs (8-10 kg). With same part number as per OEM used generally for GSE		item demanded for manufacture of test bench
22.	5970-161-7421	INSULATING VARNISH ELEC	NOS	A protective, transparent coating applied to electronic circuits to guard against moisture, dust, chemicals, and temperature extremes, typically providing a thickness of 25-75 microns. With same part number as per OEM used generally for GSE		item demanded for manufacture of test bench

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23.	6124142--021	SHRINK TUBE	FT	A flexible, heat-shrinkable tubing, typically made of polyolefin, that shrinks to about 50% of its original diameter when heated, used for insulation and protection of wires or connectors. With same part number as per OEM used generally for GSE		item demanded for manufacture of test bench
24.	7690-281-8620	LABEL	NOS	Printable, shrinkable labels made from materials like polyolefin, designed to fit around wires, cables, or components for clear identification, typically shrinking to fit with heat application. With same part number as per OEM used generally for GSE		item demanded for manufacture of test bench
25.	RILG408-8	SLEEVING, TEXTILE, EL	MTR	A protective sleeve used in cable and wire installations to prevent abrasion and damage, often made of flexible material like nylon or PVC, designed to fit over cables during pulling or installation. With same part number as per OEM used generally for GSE		item demanded for manufacture of test bench
26.	GP-SIG-07473	MICROCONTROLLER	NOS	A microcontroller board based on the ATmega328P, featuring 14 digital input/output pins, 6 analog inputs, a 16 MHz quartz crystal, and USB connectivity, commonly used for prototyping and embedded systems projects. With same part number as per OEM used generally for GSE		item demanded for manufacture of test bench

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27.	6625ZW2169905	VOLT-AMPEREMETER,DIGITAL,DUAL MODE, OEM REF NO SA3685-97,JAMMER,MIL JAM 350,SAMA, TURKIYE	NOS	A current measurement module used to detect and display electrical current (usually up to 5A or 10A), typically with an analog or digital output for interfacing with microcontrollers or displays. With same part number as per OEM used generally for GSE		item demanded for Arduino MCU
28.	GIP-SIG-01291	JUMPER WIRE	NOS	Flexible, insulated wires with pre-crimped connectors on both ends, used for making temporary connections in breadboard or circuit prototyping, available in various lengths (e.g., 20cm, 30cm). With same part number as per OEM used generally for GSE		for testing of avionic assemblies
29.	TPN/GWS/BSWS/FEIT-0014	PRINTER CABLE	NOS	A 6-pin male-to-male jumper cable, typically used for connecting Arduino boards to external modules or sensors, often in 20cm or 30cm lengths. With same part number as per OEM used generally for GSE		for testing of avionic assemblies
30.	Z42/PZ/370684	TRANSISTOR NPN	NOS	An NPN transistor capable of handling up to 80V and 500mA of current, with a frequency response up to 50 MHz, typically used for amplification and switching applications. With same part number as per OEM and of aviation/Mil grade only		item required for repair of AV-6 PUMAL

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31.	BGXP1203A	FUSE 3 AMP	NOS	A 3A-rated fuse with a slow-blow characteristic, designed to withstand brief overcurrent surges without blowing, rated for 250V AC, and commonly used in power supplies and electronic devices. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of DME PUMA SM
32.	Z31/PZZE/RJE519 2163-1	CAPACITOR 100UF	NOS	A through-hole electrolytic capacitor with a capacitance of 100μF, a voltage rating of 50V, and typically used for filtering, decoupling, or energy storage in power supply circuits. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
33.	Q25-0080-001	XSTR MOSFET RF PWR N-CH 45W 1G	NOS	A high-voltage, 500V-rated N-channel MOSFET with a drain current of 20A, designed for power switching applications, featuring low R_DS(on) for efficient operation in high-power circuits. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
34.	1N4005	DIODE	NOS	A 400V, 1A through-hole (THT) rectifier diode in a DO-204AC package, typically used for power supply rectification and general-purpose high-voltage applications. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)

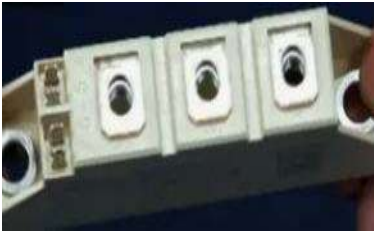
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35.	BGXP1205A	FUSE 5 AMP	NOS	A 5A-rated slow blow fuse with a 250V AC voltage rating, designed to withstand short current surges before blowing, commonly used in power supplies and electronic equipment to protect against prolonged overcurrent. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
36.	FCS042C	CAPACITOR 220NF 50V	NOS	A through-hole electrolytic capacitor with a capacitance of 220μF and a voltage rating of 50V, typically used for power filtering, decoupling, or energy storage in circuits requiring moderate capacitance. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
37.	ZC-22925	RESISTOR 3.3 K 4W	NOS	A through-hole (THT) fixed resistor with a resistance of 3.3 kΩ, commonly used in signal conditioning, voltage division, and current limiting applications. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
38.	5961ZO3530163	TRANSISTOR,TRIODE,3DG4 C	NOS	A high-power NPN transistor, rated for 15A and 30V, commonly used for audio amplification, power switching, and general-purpose high-current applications, with low saturation voltage and fast switching capabilities. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of FLEX battery charger

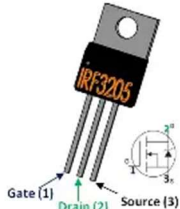
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39.	5962-01-055-2770	INTIGRATED CIRCUIT	NOS	A 16-pin dual 4-bit multiplexer integrated circuit, typically used for data routing and switching applications in digital circuits, with a wide supply voltage range of 3V to 18V.with same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
40.	NIV-GWS-SR1 100 OHM	Standard Resistor 100 OHM esi	NOS	A 100-ohm, 3.3mm diameter, 9mm long through-hole resistor, typically used in signal processing and current-limiting applications, with standard tolerance and power rating. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
41.	PYB-0155-A-1000003	RECTIFIER (10AMPS)	NOS	A high-speed, ultra-fast recovery 16V, 20A rectifier diode in a DO-203AA package, commonly used in power rectification and switching applications with low forward voltage drop and fast switching times. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of FLEX battery charger
42.	Z31/5910-ZO-213-0345	CAPACITOR FIXED POLYCARBONATE 022UF 250 VDC	NOS	A ceramic or film capacitor with a capacitance of 220nF (nano-farads), typically used for decoupling, filtering, and noise suppression in low to medium voltage applications. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)

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43.	7020ZO3530554	ASSEMBLY, POWER MODULE	NOS	A high-efficiency, isolated DC-DC converter module with a 48V input and 28V output, capable of delivering up to 250W of power, designed for power systems requiring compact, reliable conversion with high power density. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
44.	5920ZO3521434	FUSE 5A	NOS	A fuse with a 12A rating, typically used for overcurrent protection in power circuits, with a voltage rating of 240V AC, designed to prevent damage to electrical components from excessive current. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of torque meter processing unit PUMA SM
45.	40108	DIOD RECRIFIRE	NOS	A general-purpose 10uf 400v ceramic or film capacitor, typically used in filtering, coupling, or decoupling applications. The exact capacitance and voltage ratings may vary, but it's commonly used in low to medium-voltage circuits. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
46.	2N3055	TRANSISTOR	NOS	A popular NPN power transistor, rated for 15A and 60V, commonly used in high-power amplification and power regulation circuits, with a low saturation voltage and high current gain. With same part number as per OEM and of aviation/Mil grade only	2N3055 NPN Power Transistor 	item required for repairing of Avionics assemblies (generic component)

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47.	2N5682	NPN SILICON TRANSISTOR AMPLIFIER	NOS	A high-power NPN transistor, rated for 15A and 80V, commonly used in audio amplification and power switching applications, with low saturation voltage and high gain, designed for handling high currents in power supplies. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
48.	3C81	TRANSFORMER, MAGNETIC,OEM REF NO 3C81,INSTRUMENT,RW,ECR L,BENDIX KING,USA	NOS	A high-permeability ferrite core material typically used in transformers, inductors, and other magnetic components, designed to operate efficiently in high-frequency power applications, offering low core loss and high saturation flux density with same part number as per OEM and of aviation/Mil grade only		item required for repairing of power supply B-250
49.	197500-1012	MOTOR,STEPPING,OEM REF NO 197500-1012, NSTRUMENT,RW,ECRL,BEN DIX KING,USA	NOS	A high-precision stepper motor designed for accurate positioning and movement control, typically used in automation, robotics, and CNC systems, with high torque output and fine resolution for precise motion applications. with same part number as per OEM and of aviation/Mil grade only		item required for repairing of HIS ECEL/FENNEC

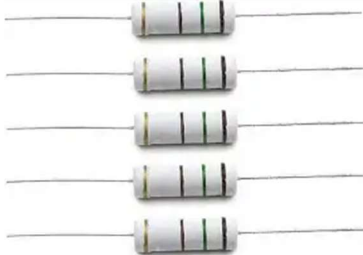
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50.	C33-5026	VARIABLE RESISTOR	NOS	A 10kΩ (103) potentiometer with a 10-turn mechanism, typically used for precise adjustments in signal control or calibration applications, offering high durability and reliability in both industrial and laboratory settings. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of SIU card PUMA SM
51.	TPN/RADAR/T-514/R/SYS/0117	RECTIFIER DIODE 2 DL 005/0.04	NOS	low forward voltage drop diode, typically designed for low-voltage, high-efficiency applications, with a forward voltage of approximately 0.5V, often used in rectification, protection, or low-power circuits. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
52.	81-6	BTY 9V	NOS	A standard 9V alkaline battery, commonly used in devices like digital multimeters (DMM) and other portable electronics, providing reliable power with a capacity of around 500-600mAh.with same part number as per OEM and of aviation/Mil grade only		item required for repairing of Computer display unit AH-1F
53.	360-00001-00	LITHIUM CELL 3V COIN	NOS	A 3V primary lithium cell battery rechargeable with same part number as per OEM and of aviation/Mil grade only		item required for repairing of RADS KIT

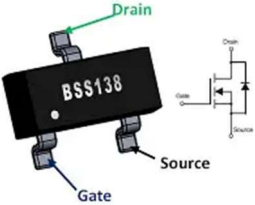
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54.	AVN-NIV-B-173	BTY CELL 1.2V RE-CHARGABLE	NOS	A rechargeable lithium-based 1.2V battery commonly used for backup power in memory retention or low-power devices with same part number as per OEM and of aviation/Mil grade only		item required for repairing of RADS KIT
55.	Z42/5961-ZO-213-9762	TRANISTOR IRFR9020	NOS	A high-power N-channel MOSFET with a 38V drain-to-source voltage and 38A drain current rating, designed for efficient power switching applications, with a low R_DS(on) for minimal conduction losses in power conversion and motor control circuits with same part number as per OEM and of aviation/Mil grade only		item required for repairing of FLEX battery charger
56.	NIV-TPN-1560-ZO-215-5815-1000010	SCR DRIVE CONTROLL UNIT (09B)	NOS	A 3-phase silicon-controlled rectifier (SCR) rated for 900V and 90A, commonly used in high-power AC switching applications like motor control, rectifiers, and phase control in industrial circuits. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of FLEX battery charger
57.	007-00886-0000	XSTR MOSEFET IRF540	NOS	A 400V N-channel MOSFET with a 10A current rating, commonly used in high-voltage power switching applications, offering low R_DS(on) for efficient operation in power supplies, motor control, and inverters. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of FLEX battery charger

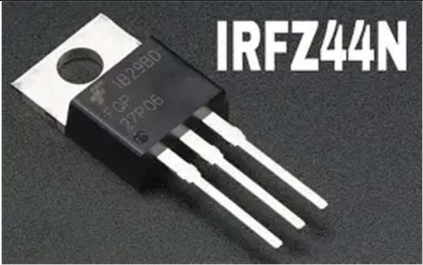
Ser	Part No	Nomen	A/U	Mil/ Tech Spec	Photo	Description
58.	REP40N10	IRF-540	NOS	A 55V N-channel MOSFET with a 169A current rating, designed for high-speed switching and low conduction losses, typically used in power conversion, automotive, and DC-DC applications with a low R_DS(on) for efficient performance. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of FLEX battery charger
59.	Z1/SS/60-007	FET IRF 3205	NOS	A 55V N-channel MOSFET rated for 120A, commonly used in high-power applications like motor control, power supplies, and DC-DC converters, known for its low R_DS(on) and high efficiency. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of FLEX battery charger
60.	MS3450W20-8PZ	CONNECTOR RECEPTACLES	EA	50 pin main connector for NVG card AH-1F.with same part number as per OEM and of aviation/Mil grade only		item required for repairing of NVG card AH-1F
61.	PT-H7	SOLDERING TIP	NOS	A 2.4mm chisel-shaped soldering tip, designed for general-purpose soldering with high heat transfer efficiency, typically used for medium to large component soldering in electronics and PCB assembly. With same part number as per OEM and of aviation/Mil grade only		Item required for soldering iron

Ser	Part No	Nomen	A/U	Mil/ Tech Spec	Photo	Description
62.	Y5TZ-289	Soldering Tip	NOS	A precision soldering tip with a 0.1mm (0.003 inch) fine point, designed for micro soldering and detailed work, especially in fine-pitch component placement or PCB repair. ERSADUR is a durable, long-lasting material for extended tip life. With same part number as per OEM and of aviation/Mil grade only		Item required for soldering iron
63.	Q 317 206 039	CAPACITOR, (1) FIXED , CERAMIC DIELECTRIC 470PF 5% 100V-	NOS	high-reliability ceramic capacitor, typically rated for 100V with a capacitance of 100nF (104K), designed for military or aerospace applications, meeting MIL-PRF-39014 standards. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of NVG card AH-1F
64.	5961011094071	TRANISTOR , BJT, NPN, 60V V (BR)CEO,20A	NOS	A high-power NPN transistor, rated for 80V and 8A, commonly used in switching and amplification circuits requiring high current handling and low saturation voltage. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
65.	5960-ZO-213-0218	SILICONE DIODE 1N5401	NOS	A general-purpose diode, typically used for rectification, with a reverse voltage rating of 50V and a forward current rating of 300mA, commonly found in low-power signal circuits. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)

Ser	Part No	Nomen	A/U	Mil/ Tech Spec	Photo	Description
66.	99138984	RESISTOR 10K	NOS	A 10kΩ resistor, typically used in voltage divider circuits, pull-up/pull-down applications, and signal conditioning for medium-impedance applications. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of NVG card AH-1F
67.	C31-5572-005	RESISTOR 1K	NOS	A 1kΩ resistor, commonly used in current limiting, voltage division, and filtering applications in various analog and digital circuits. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of NVG card AH-1F
68.	S11004-3430	RESISTOR 348? (R6,R7,R10,R11)	NOS	A 3kΩ resistor, used in similar applications as other resistors (e.g., signal conditioning, biasing), typically for moderate resistance values in analog circuits. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of NVG card AH-1F
69.	S11394-750	RESISTOR 75? (R1,R3)	NOS	A 700Ω resistor, generally used for specific current limiting or voltage regulation applications, particularly in higher-current circuits. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of NVG card AH-1F
70.	ZC-27304	RESISTOR 600 OHM 2W	NOS	A 600Ω resistor, often used in audio signal processing, impedance matching, or as a load resistor in various signal transmission circuits. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of NVG card AH-1F

Ser	Part No	Nomen	A/U	Mil/ Tech Spec	Photo	Description
71.	Q 317 025 159	RESISTOR (1), FIXED, WIRE WOUND 6,8K OHM 5% 6W	NOS	An 800Ω resistor, typically used in circuits requiring precise control of current flow, such as in voltage dividers or filtering applications. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of NVG card AH-1F
72.	NVG-17-R1.4K	RESISTOR 1.4KOHM	NOS	A through-hole resistor rated for 1/4 watt, commonly used in general-purpose electronics circuits. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
73.	Z31/5910-ZO-215-0741	CAPACITOR 1000PF 25V	NOS	A 0.1μF capacitor with a 50V rating in 0805 or 1206 SMD package, used for filtering or decoupling applications. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
74.	Z31/PZZF/Philips/P CS2601239	CAPACITOR 10 UF 20% 25	NOS	A 10μF electrolytic capacitor with a 25V rating, commonly used in power supply filtering and decoupling. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
75.	45108109	VARIABLE CAPACITOR (RUSS DG-20-7H)	NOS	Package sizes for SMD resistors and capacitors, available in values ranging from picofarads (pF) to microfarads (μF), and typically used in various applications based on size and power requirements. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)

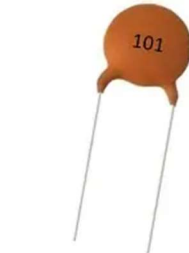
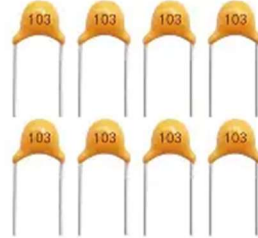
Ser	Part No	Nomen	A/U	Mil/ Tech Spec	Photo	Description
76.	1N4148	DIODE- D4,D5,D6,D7,D8,D9,D10,D12, D13,D14,D15,D16,D17,D18,D 19	NOS	A small-signal fast switching diode with a 100V reverse voltage rating and 300mA forward current capacity, used in signal processing and switching applications. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
77.	1N4007 OR 1N4007G	DIODE 1A 1000V	NOS	A general-purpose rectifier diode rated for 1000V and 1A, commonly used in power supply circuits for rectification. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
78.	MRB240SFT3G	Shortkey Limiter Diod	NOS	A Schottky diode with a 40V reverse voltage and 1A forward current, offering low forward voltage drop, typically used in power conversion and DC-DC applications. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
79.	2N5335	TRANISTOR	NOS	A general-purpose NPN transistor, typically used in low-power switching and amplification circuits, with 45V (BC547) and 40V (2N2222) voltage ratings. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
80.	TPN/FCE/TowG/O scilloscope-0054	MOSFET	NOS	A small N-channel MOSFET in a SOT-23 package, used in low-power switching, logic level applications, and protection circuits, with a 50V rating and 200mA current capacity. With		item required for repairing of Avionics assemblies (generic component)

Ser	Part No	Nomen	A/U	Mil/ Tech Spec	Photo	Description
				same part number as per OEM and of aviation/Mil grade only		
81.	5962-74-215-9991	MOSFET N-CH 75V, 500A, OEM PART NO.WBJ-649-1, NRTC, APPLICABILITY:JAMMER WB-300	NOS	N-channel MOSFETs designed for high-efficiency power switching, with low R_DS (on) and 55V ratings, typically used in power supplies and motor control. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
82.	LM7805	MICROCIRCUIT, LINEAR,OEM REF NO LM7805,DC POWER SYSTEM, NATIONAL SEMI CONDUCTOR CORPORATION,USA	NOS	Linear voltage regulators that provide stable 5V and 12V outputs, commonly used to power logic circuits and analog devices from higher voltage sources.		item required for repairing of Avionics assemblies (generic component)
83.	LM358	Integrated Circuit	NOS	74HC00: Quad 2-input NAND gate (logic IC). 74HC04: Hex inverting buffer (logic IC). LM358: Dual operational amplifier (op-amp), commonly used in signal processing and analog control circuits. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
84.	LM101AH	MICROCIRCUIT, LINEAR,OEM REF NO LM101AH,RW,PUMA,MICROELECTRONIC SA,FRANCE	NOS	A precision, low-noise operational amplifier, often used in high-accuracy signal processing applications with same part number as per OEM and of aviation/Mil grade only		item required for repairing of transceiver AHV-6 puma L

Ser	Part No	Nomen	A/U	Mil/ Tech Spec	Photo	Description
85.	2N2219A	TRANSISTOR	NOS	A high-power NPN transistor, typically used in amplification and switching applications with 40V and 1A ratings with same part number as per OEM and of aviation/Mil grade only		item required for repairing of transceiver AHV-6 puma L
86.	SFC2709	MICROCIRCUIT, LINEAR,AMPLIFIER,OEM REF NO SFC2709,VHF/UHF/A COMMUNIATION SYSTEM,RW,PUMA, STMICROELECTRONIC,SA,F RANCE	NOS	A small-signal NPN transistor used in low-power switching and amplification circuits with same part number as per OEM and of aviation/Mil grade only		item required for repairing of transceiver AHV-6 puma L
87.	1N5819	SEMICONDUCTOR DEVICE,DIODE,OEM REF NO 1N5819,INTERCOMMUNIATI ON SYSTEM,DIODES,INCORPO RATED,USA	NOS	A Schottky diode with a 40V reverse voltage and 1A forward current, commonly used in power supply and low-voltage applications with same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
88.	1N5408	SEMICONDUCTOR DEVICE,DIODE,OEM REF NO 1N5408,INTERCOMMUNIATI ON SYSTEM,DIODES,INCORPO RATED,USA	NOS	A 3A, 100V rectifier diode, commonly used in power supply circuits for rectification and high-current applications with same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
89.	353-6469-020	SEMICONDUCTOR DEVICE,DIODE,OEM REF NO 353-6469-020,INTERCOMMUNIATION SYSTEM,RW,PUMA,ROCKW ELL COLLINS,INC,USA	NOS	A high-power rectifier diode with a 1A forward current rating and a reverse voltage of 50V, commonly used in power supply applications for rectification, voltage clamping, and protection. It is typically found in general-purpose and low-to-medium power applications with		item required for repairing of Avionics assemblies (generic component)

Ser	Part No	Nomen	A/U	Mil/ Tech Spec	Photo	Description
				same part number as per OEM and of aviation/Mil grade only		
90.	IRF540N	SEMICONDUCTOR DEVICE,DIODE,OEM REF NO IRF540N,INTERCOMMUNIATI ON SYSTEM,RW,PUMA,INFINEO N TECHNOLOGIES,USA	NOS	N-channel MOSFET, rated for 100V and 33A, commonly used in power switching and control applications, known for its low R_DS(on) and high efficiency with same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
91.	LM317	TRANSISTOR,OEM REF NO LM317,DC POWER SYSTEM,COR,EL DI,GAIN FRANCO,ITALY	NOS	A popular adjustable voltage regulator, capable of providing output voltages from 1.25V to 37V, commonly used for power supply applications with same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
92.	MIL-PRF-55342	RESISTOR,CHIP,FIXED,FILM, 10KOHM,OEM REF NO MIL- PRF-55342,VHF/UHF/AM COMMUNIATION SYSTEM,MILITARY SPECIFICATION,PROMOGAT ED BY MILITARY DEPARTMENT,USA	NOS	A military standard specification for precision resistor of 10 k ohms value, used in high-reliability and defense applications with same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
93.	BZX 55 C5V1	DIODE	NOS	A Zener diode with a 5.1V breakdown voltage, used for voltage regulation and protection in low-voltage circuits. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)

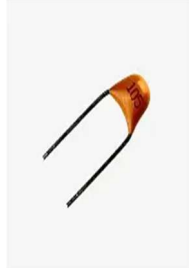
Ser	Part No	Nomen	A/U	Mil/ Tech Spec	Photo	Description
94.	ATMEGA 328P	MICROCIRCUIT, DIGITAL,OEM REF NO ATMEGA 328P,VHF/UHF/AM COMMUNINATION SYSTEM,ATMEL CORPORATION,USA	NOS	microcontroller from the AVR family, commonly used in Arduino boards, with 32KB flash memory, 1KB SRAM, and 23 I/O pins with same part number as per OEM and of aviation/Mil grade only		item demanded for manufacture of test bench
95.	R331	RESISTOR, FIXED,FILM,330K OHM, OEM REF NO R331,VHF/UHF/AM COMMUNINATION SYSTEM,TABET MANUFACTURING COMPANY,INC,USA	NOS	330 ohms SMD resistor with same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
96.	760-1-R472	RESISTOR NETWORK,FIXED,FILM 4.7K OHM, OEM REF NO 760-1- R472,UHF/VHF/AM COMMUNINATION SYSTEM,CTS CORP ELECTROMECHANICAL DIV USA	NOS	4.7 kilo ohms SMD resistor with same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
97.	R473	RESISTOR,47K OHM,OEM REF NO R473,VHF/UHF/AM COMMUNINATION SYSTEM,TALLOY PRODUCTS LTD UK	NOS	17 kilo ohms SMD resistor. with same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)

Ser	Part No	Nomen	A/U	Mil/ Tech Spec	Photo	Description
98.	R104	RESISTOR, FIXED, COMPOSITION, 100K OHM, OEM REF NO R104, VHF/UHF/AM, COMMUNIATION SYSTEM, VAE SYSTEM TECHNOLOGIES LTD, UK	NOS	100 kilo ohms smd resistor. with same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
99.	R105	RESISTOR, FIXED, FILM, 1M OHM, OEM REF NO R105, VHF/UHF/AM, COMMUNIATION SYSTEM, RW, PUMA, AEIRE CORPORATION, USA	NOS	1 mega ohms SMD resistor. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
100.	C101	CAPACITOR FIXED 100,000MMFF+20%-10%, 600VDCW	NOS	A 100 picofarad (pF) capacitor, commonly used in high-frequency circuits for filtering, decoupling, or tuning applications. with same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
101.	C103	CAPACITOR, FIXED, CERAMIC DIELECTRIC, 10NF, OEM REF NO C103, VHF/UHF/AM COMMUNIATION SYSTEM, LIND GREN RF ENCLOSURES INC ELMAG, DIV, USA	NOS	A 10 nanofarad (nF) capacitor, typically used for filtering, decoupling, or signal coupling in analog and digital circuits. with same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
102.	183-1504-420	CAPACITOR, FIXED, ELECTROLYTIC, 68YF?40V, OEM REF NO 183-1504-420, VHF/UHF/AM COMMUNIATION SYSTEM, LIND GREN RF ENCLOSURES INC	NOS	A 63µF electrolytic capacitor with a 40V rating, typically used for filtering, decoupling, and energy storage in power supply and audio applications. with same part number as per OEM and of aviation/Mil grade only		item required for repairing of DME PUMA SM

Ser	Part No	Nomen	A/U	Mil/ Tech Spec	Photo	Description
		ELMAG,DIV,USA				
103.	351-1849-010	MICROCIRCUIT,DIGITAL,OE M RE NO 351-1849- 010,VHF/UHF/AM COMMUNIATION SYSTEM,RW,PUMA,ROCKW ELL COLLINS,USA	NOS	A high-speed transceiver IC (octal buffer) with tri-state output, often used for signal conditioning, driving, and data transmission in digital circuits. It features electrostatic discharge (ESD) protection, commonly used in bus systems and logic interfacing. with same part number as per OEM and of aviation/Mil grade only		item required for repairing of DME PUMA SM
104.	629901-32	KNOB ASSEMBLY,COURSE,OEM REF NO 629901-32, FLIGHT INSTRUMENT, RW,PUMA,FRANCE	NOS	A mechanical component used for manual adjustments, typically on devices like potentiometers or volume controls, designed with a "course" adjustment for rough tuning or control.		Demande against MFD-255FF PUMA SM HEL
105.	2N4393	TRANSISTOR OEM REF NO 2N4393,VHF/UHF/AM COMMUNIATION SYSTEM,RW,PUMA,SILICONI X INCORPORATED,FRANCE	NOS	A high-power N-channel MOSFET transistor, typically used in high- speed switching applications. It is designed for use in power control, audio amplification, and switching power supplies, with high efficiency and low on-resistance. with same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
106.	416-01997-101	Main connector	NOS	Specifically for avionics assembly with same part number as per OEM and of aviation/Mil grade only		item required for repairing of APM 2010

Ser	Part No	Nomen	A/U	Mil/ Tech Spec	Photo	Description
107.	AD706 429 C5053	INTEGRATED CIRCUIT,AMPFLIER BIPOLAR OPERTAIONAL,OEM REF NO AD706 429 C5053, COMMUNIATION SYSTEM,RW,PUMA SM,SUNLORD ELECTRONIC,SINGAPORE	NOS	A precision, low-noise, operational amplifier (op-amp) with rail-to-rail input and output, featuring a high input impedance and low offset voltage, typically used in high-precision analog signal processing and instrumentation applications. with same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
108.	REF192 E110 G0925	IC	NOS	A low-dropout, ultra-low noise, voltage reference IC with a precision of $\pm 0.5\%$ at 2.495V, commonly used in high-accuracy analog-to-digital conversion and precision measurement systems requiring stable voltage references. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
109.	275-276	FUSE (F0240)	NOS	A fuse rated for 240V AC, designed to protect circuits from overcurrent conditions, typically with a 5A or 10A rating, commonly used in household appliances, power supplies, and industrial equipment. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)

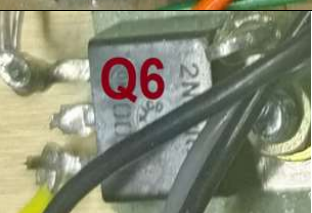
Ser	Part No	Nomen	A/U	Mil/ Tech Spec	Photo	Description
110.	EATH-MIL2-11-1001SOL	capacitor	NOS	with same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
111.	J2k/4730/109L	relay	NOS	A general-purpose electromechanical relay with a 10A contact rating, typically used in switching applications, featuring a 12V DC coil voltage and designed for reliable performance in automotive or industrial systems. with same part number as per OEM and of aviation/Mil grade only		item required for repairing of NVG card AH-1F
112.	Lithium 3V cell (Safton)	FMS	NOS	A high-performance 3V lithium cell battery, non-rechargeable with same part number as per OEM and of aviation/Mil grade only		item required for repairing of FMS PUMA SM
113.	SMD 0805	1k ohms thick film resistor	NOS	A surface-mount device with 0805 package size (2.0mm x 1.25mm), used for resistors, capacitors, and other small components. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
114.	MMBT3904/SOT-23	SMD BJT	NOS	A small-signal NPN transistor in a SOT-23 package, used for general-purpose amplification and switching, with 40V and 200mA current ratings. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)

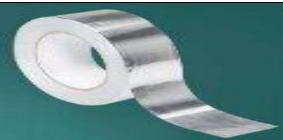
Ser	Part No	Nomen	A/U	Mil/ Tech Spec	Photo	Description
115.	7805 (5V), 7812 (12V)	voltage regulator	NOS	Linear voltage regulators that provide stable 5V and 12V outputs, commonly used to power logic circuits and analog devices from higher voltage sources. With same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
116.	AMS1117-5.0, MCP1700	LDO SMD Voltage Regulator	NOS	Low-dropout (LDO) regulators, providing 5V output, used for powering sensitive components with a wide input voltage range with same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
117.	R475	RESISTER, FIXED, FILM, 4.7M OHM, OEM REF NO R475, VHF/UHF/AM COMMUNICATION SYSTEM, RW, PUMA, SUNLORD ELECTRONIC, SINGAPORE	NOS	4.7 mega ohms SMD resistor with same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
118.	C474	CAPACITOR, FIXED QUARTZ DIELECTRIC, 470 NANO FARAD, OEM REF NO C474, COMMUNICATION SYSTEM, RW, PUMA, SUNLORD ELECTRONIC, SINGAPORE	NOS	A 470 nano-farad (nF) capacitor, often used in power supply filtering, noise reduction, or signal processing applications. with same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
119.	C105	CAPACITOR, FIXED, CERMIC DIELECTRIC, 1UF, OEM REF NO C105, VHF/UHF/AM, COMMUNICATION SYSTEM, RW, PUMA, SUNLORD ELECTRONIC, SINGAPORE	NOS	A 1 microfarad (μF) capacitor, used in general-purpose decoupling, filtering, and energy storage applications. with same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)

Ser	Part No	Nomen	A/U	Mil/ Tech Spec	Photo	Description
120.	C475	CAPACITOR, FIXED QUARTZ DIELECTRIC, 475 OEM REF NO C475, VHF/UHF/AM, COMMUNICATION SYSTEM, RW, PUMA, SUNLORD ELECTRONIC, SINGAPORE	NOS	A 4.7 microfarad (μ F) capacitor, typically used for power supply filtering, signal coupling, and decoupling in various electronics applications. with same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
121.	172322	FUSE LINK, ELECTRICAL, 63 MA, OEM REF NO 72322, VHF/UHF/AM, COMMUNICATION SYSTEM, RW, PUMA, SUNLORD ELECTRONIC, SINGAPORE	NOS	A fuse rated for 63mA, used for overcurrent protection in circuits, preventing damage from excessive current flow. It is generally used in low-power applications. with same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
122.	BPF-001	BENDIX FIXTURE TOOL, FEMALE, OEM REF NO. BPF-001, ELECTRICAL SYSTEM, RW, PUMA, SUNLORD ELECTRONIC SINGAPORE	NOS	signal transmission/receiving antenna connector. with same part number as per OEM and of aviation/Mil grade only		item demanded for manufacture of test bench
123.	BPM-0001	BENDIX FIXTURE TOOL, MALE, OEM REF NO. BPM-0001, ELECTRICAL SYSTEM, AVG, RW, PUMA, SUNLORD ELECTRONIC SINGAPORE	NOS	signal transmission/receiving antenna connector. with same part number as per OEM and of aviation/Mil grade only		item demanded for manufacture of test bench
124.	TPS-130	TEST POINT, SMALL, OEM REF NO TPS-130, VHF/UHF/AM, COMMUNICATION SYSTEM, RW, PUMA, SUNLORD ELECTRONIC, SINGAPORE	NOS	0.8mm-1.5mm diameter, compact probe contact point for signal measurement and testing. With same part number as per OEM and of aviation/Mil grade only		item demanded for manufacture of test bench

Ser	Part No	Nomen	A/U	Mil/ Tech Spec	Photo	Description
125.	TPS-190	Testing Point(large)	NOS	2mm-5mm diameter, larger probe contact point designed for easier access. With same part number as per OEM and of aviation/Mil grade only		item demanded for manufacture of test bench
126.	Glue-7MM-200mm	Silicone stick	NOS	A solid silicone rubber used for sealing, insulating, or cushioning, with temperature resistance ranging from -60°C to 230°C, commonly used in electronics, automotive, and industrial applications. with same part number as per OEM and of aviation/Mil grade only		item demanded for manufacture of test bench
127.	D85-2042	AC V module	NOS	A voltage measurement module designed to measure AC voltage levels, typically offering a wide input range (e.g., 0-250V AC) with an output that can be interfaced with microcontrollers or displays for real-time monitoring. with same part number as per OEM and of aviation/Mil grade only		item demanded for Arduino MCU
128.	D85-DC-30V	DC volt module	NOS	A voltage measurement module designed to measure direct current (DC) voltage, typically offering an input range from 0-25V DC, with an analog or digital output for interfacing with microcontrollers or displays. with same part number as per OEM and of aviation/Mil grade only		item demanded for Arduino MCU

Ser	Part No	Nomen	A/U	Mil/ Tech Spec	Photo	Description
129.	WB-1520	Vero Board	NOS	A perforated board with copper strips used for prototyping electronic circuits, typically available in 1.5mm thickness and sized 160x100mm or 200x150mm, allowing for easy soldering and component placement. With same part number as per OEM and of aviation/Mil grade only		prototyping/testing of avionics assemblies
130.	PC817C	High density mounting type photocoupler	NOS	A high-density mounting type optocoupler with a 4-pin configuration, offering an isolation voltage of 5kV, typically used for signal isolation and noise reduction in digital circuits, with a current transfer ratio (CTR) of 50-600%. with same part number as per OEM and of aviation/Mil grade only		item required for repairing of Avionics assemblies (generic component)
131.	μT SB3A3- 2B3A	Filter	NO	Filter used for repairing/overhauling of signal conditioner OEM grade.Avionics/MIL GRADE REQUIRED		item required for repairing of Signal conditioner BELL-412
132.	S100-56AABG	Spring	NO	Spring used for repairing/overhauling of Solenoid valve OEM grade		item required for repairing of Solenoid valve PUMA-SM
133.	184-2551-220	SMD Capacitor	NO	SMD capacitor used for repairing of SIU-80 converter OEM grade with same specs by Collins aerospace 15uf, 50VDC tolerance 20%		item required for repairing of SIU-80 Converter PUMA-SM

Ser	Part No	Nomen	A/U	Mil/ Tech Spec	Photo	Description
134.	S2724-1ABG	Shhim, 0.1MM THK	NO	Shim used for repairing/overhauling of Solenoid valve OEM grade		item required for repairing of Solenoid valve PUMA-SM
135.	63M5-100-S	1K OHM VARIABLE RESISTOR	NO	Generalized avionics grade SMD PCB mounted variable resistor for repairing of assys/ 1K variable resistor with 5W rating		item required for repairing of Voltage regulator AH-1F
136.	LM339N	Intedrated Circuit (IC)	NO	operates at +-1V to +- 18V with dual supply and 2V to 26V on single mode supply, current rating of 1.1mA by STM electronics		item required for repairing of ACU MF1-17
137.	PR1K 0829 MEXICO	VARIABLE RESISTOR	NO	Generalized avionics grade SMD PCB mounted variable resistor for repairing of assys/ 1K variable resistor with 5W rating		item required for repairing of ACU MF1-17
138.	9744TIP34C	TRANSISTOR	NO	Switching transistor used in high end assys such as KTR-909, KY-196A OEM grade with collector-emitter volt of 100V and collector current 10A, power dissipation 80W		item required for repairing of ACU MF1-17
139.	2N6403 0029	Transistor	NO	Current transistor used for repairing/ overhauling of Alternator control unit of MFI-17 OEM Grade, gate power 20W (PGM) and a maximum (VDRM) 400V		item required for repairing of ACU MF1-17
140.	82686-U-307868-3	MOTOR	NO	Precision motor used for repairing of torque meter indicator dial/ needle movement OEM grade with similar part no,		item required for repairing of Torque meter Indicator AH-1F

Ser	Part No	Nomen	A/U	Mil/ Tech Spec	Photo	Description
141.	JTM-18 AL M39016/9-017L	RELAY	NO	26VDC 700 ohms, high precision OEM grade relay for control circuits		item required for repairing of Torque meter Indicator AH-1F
142.	P102223C	100 OHM VARIABLE RESISTOR	NO	Generalized avionics grade PCB mounted variable resistor for repairing of assys/ 1K variable resistor with 5W rating		item required for repairing of ACU MF1-17
143.	3M 425	Aluminum Tape	NO	Used for haramtic sealing of indicators and gyros, use for Avionics requires military grade		Item required for the sealing of gyros and other A/C parts
144.	J102KA1BF028	Resistor Variable (1K)	NO	Generalized avionics grade SMD PCB mounted variable resistor for repairing of assys/ 1K variable resistor with 5W rating, requires military grade		item demanded for manufacture of test bench
145.	500-1151	Resistor Variable (10K)	NO	Generalized avionics grade SMD PCB mounted variable resistor for repairing of assys/ 10K variable resistor with 5W rating, requires military grade		item demanded for manufacture of test bench
146.	Precision.inc 19-1367	transformer	NO	Transformer used for repairing of synchro converter with same part number as per OEM		item required for repairing of Synchro convertor (934000- 14A)
147.	XC7S50/XC7S25	Spartan-7	NO	Spartan-7 FPGA development board for test benches with same part number as per OEM		item required for development of Test benches
148.	ADK-3593	Holt Hi 3593	NO	Holt ARINC-429 convertor used for communication between assy and test bench		item used for dev of test bench for sema actuator