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-18 dated 09 Oct 2026	Misc	(List attached as Annexure A to H)	30 Days for Local Stores & 90 Days for Foreign Stores	30 Oct 2026 at 1030 Hrs	30 Oct 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 to H (Technical)	**Annexure** A to H (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 matching with batch number/ reference number of delivered 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) Technical Scrutiny Board report regarding technical evaluation and status of technical offers will be available/ presented during commercial offer opening for information/ record/ evaluation.

(3) 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”

(4) 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.

(5) Quoted rates are only valid on firm’s letter head.

(6) 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.

(7) Incorrect/ Unrealistic rates quoted against technical specification of quoted item will be rejected and disciplinary action will be taken as per procedure in vogue.

(8) Difference/ Change in technical specification or any other critical information in commercial and technical offer of quoted item will be considered as fraudulent practice and will be dealt accordingly. Fraud will also lead to rejection of complete bid in addition to disciplinary action.

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

Anx A

PISTON ENGINE OVERHAUL GROUP EXPENDABLES

S/No	Part No	Nomenclature	A/U	Specification	Photo
1.	Ardrox-2320A	Remover, Paint	Ltr	Only Imported Item will be accepted OEM: Chemetall Ardrox 2320A Packing required: 25 Ltr Can	
2.	9140-74-251-0986	Kerosene	Ltr	Local	
3.	Avn-366-16047-268	Single Filter Mask	Nos	Only Imported Item will be accepted Type: 3M 6200 half-face respirator COO: Australia / USA / Poland	
4.	MIL-C-85043	Locktite 271	Btl	Only Imported Item will be accepted A/U "Bottle" refers to 50 ml Btl OEM: Henkel COO: UK Loctite: 271	
5.	ASTM No 5 Oil	ASTM Number 5 Oil Sun-oil Co. Philadelphia	Nos	Only Imported Item will be accepted A/U "Nos" refers to 5 Ltr Can Brand / OEM: Sun Oil Company 1608 Walnut St. Philadelphia, Pennsylvania 19103	

6.	Loctite 510	Sealer, Chemical, OEM Ref No Loctite SF 7649,FW, SMK,Loctite Corp,USA	Nos	Only Imported Item will be accepted A/U "Nos" refers to 50 ml Tube / Btl Brand / OEM: Henkel Loctite 510	
7.	Loctite 609	LOCTITE	Tube	Only Imported Item will be accepted A/U "Tube" refers to 10 ml Tube / Btl Brand / OEM: Henkel Loctite 609 Anaerobic Retaining Compound	
8.	MIL-R-46082	Locktite 640 Adhesive anaerobic	TUB	Only Imported Item will be accepted Brand / OEM: Henkel A/U "Tube" refers to 50 ml Tube / Btl	
9.	Mil-G-3545	Grease High Tension	KG	Only Imported Item will be accepted A/U "KG" refers to 1 lb Can Brand: Nyco Grease GN 05	

Anx B

TURBINE ENGINE GROUP EXPANDABNLE

S/No	Part No	Nomenclature	A/U	Specification	Photo
1.	ARDROX 185L	ARDROX	Ltr	Imported item is required Brand Ardrox 185L	
2.	DOW CORNING RTV 3145	GRAY COMPOUND	KIT	Only Imported items will be accepted COO: USABrand / Company: Dow SiliconesA/U Kit refers to Tube of 90 ml	
3.	AVN-EXP-4641	LOCKTITE (SR-641)	No	Only Imported Items will be accepted COO: UK Brand/ Company Henkel A/U KG refers to Packing Bottle of 50ml	

Anx C

TEST BENCHES

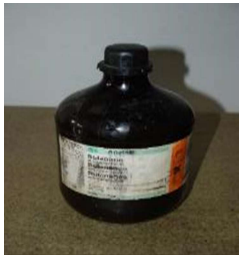
S/No	Part No	Nomenclature	A/U	Specification	Photo
1.	FR-CDJ-3	Magneto Test Bench	Nos	COO: New Zealand Brand: wyvern Tech Specs: the model is designed specially for testing units manufactured by (a) Teledyne bendix SLN/SRN series 4,6,8 (b) Unison Slick 4000-6000 Series 1.Input suppluy: 380-440 VAC 50 Hz (3 phase) 2. Drive Motor 1.1 KW Bi- Directional 3.Drive Direction: ROT L -Stop- ROT R 4. Speed Control 100-4500 RPM 5. P- Lead test Capable (YES) 6. Spark Load Test (Yes Manual) 7. Secondry Spark Bar (Optional)	
2.	Test Table 1421	Scorby Tester	Nos	COO:France/ Chinna Brand:jeger Tech Specs:Universal Tester, Input power supply 220V ac ,Output 28V Dc and 115V ac ,Movements Yaw,Pitch & Roll Net Weight 200Kg Universal Test Bench	
3.	BL-797C-1	Temp Test Set	Nos	COO:France/ China Brand:Jeger Tech Specs:Universal Tester, Input Power 220VAC Max Resistance range 9900 OHM, Require double resistance with same range (Upper & Lower Resistance) Output 28V DC Net weight 4Kg	

4.		Universal Starter Gen	Nos	COO: USA / China Brand: Alternator test stand Tech Specs: Universal Tester, 1. input power 440 VAC 50Hz 2. Maually increse decrease RPM from 1000 to 15000 with digital indicator 3. Shaft Mounting for Starter gen and Alternators. 4. Electrical out put Indicator of Starter gen and alternator. 5. Electrical control switches. 6. Electrical load bank (10-500 Amp) of 28 VDC (Gradually) 7. out put load bank for 208 VAC 400Hz (10 - 100 Amp) Gradually	
5.	Model KRD-15KVA	TRU Tester	Nos	COO: China Brand: Tech Specs: Universal Tester, Pure Sine Wave 3 Phase 115vac 400hz Power Supply 15kva Frequency Converter	

Anx D

EXPENDABLE ITEMS - MI-17

Ser	Part No	Nomenclature	A/U	Remarks/Addl Info	Photo	Usage
1.	114B2	GAS FERON (114B2)	KG	Imported Liquid Form Tech Documents / COC is mandatory		for used for filling fire extinguisher
2.	NVG-17-SW	SOLDERING WIRE	Rol	Locally Available		used for avionics repair
3.	AVN-NIV-M-191	MODELING CLAY	KG	Locally available		During TRB balancing
4.	DU PONT 762R	HARDNER (762R)	Kit	Imported A/U "Kit" Refers To Tube Quantity in each tube: 60 gm		used on structural before painting for smoothness of surface

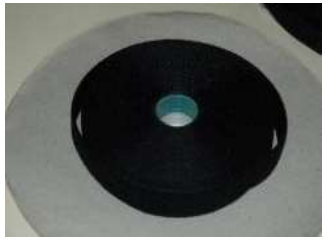
5.	DU PONT 779R	PUTTY	KG	Imported 2KG Packing Req Company code P551-10060 AUTOCOLOR Company		used on structural before painting for smoothness of surface
6.	AVN-503107	NAFRAS	Ltr	Imported Nefras C2 80/120 Degreaser (5 lit packing req)		Assy cleaning
7.	PWC11-009	ETHYL ALCHOL	Ltr	Imported Formula weight 46.07g/mol CAS no 64-17-5 Density 0.790 g/m at 20 ºC (pure) or 0.81 g/ml (aqueous blends) Flash point 17 ºC Colour Colorless pure liquid		Avionics plug cleaning
8.	AVN-366-16047-353	ACETONE	ltr	Imported item is req		For fuel tank cleaning before black cloth install

9.	AVN-503954	LOCK WIRE 1.4mm	Kg	Local Material Stainless Steel Dia 1.4mm Type Single Strain Finish Bright & Smooth corrosion resistant		For Locking assys nuts and plugs etc
10.	AVN-503955	LOCK WIRE 1.2mm	Kg	Local Material Stainless Steel Dia 1.2mm Type Single Strain Finish Bright & Smooth corrosion resistant		For Locking assys nuts and plugs etc
11.	AVN-503957	LOCK WIRE 1.0mm	Kg	Local Material Stainless Steel Dia 1.0mm Type Single Strain Finish Bright & Smooth corrosion resistant		For Locking assys nuts and plugs etc
12.	AVN-503958	LOCK WIRE 0.8mm	Kg	Local Material Stainless Steel Dia 0.8mm Type Single Strain Finish Bright & Smooth corrosion resistant		For Locking assys nuts and plugs etc
13.	AVN-503959	LOCK WIRE 0.6mm	Kg	Local Material Stainless Steel Dia 0.6mm Type Single Strain Finish Bright & Smooth corrosion resistant		For Locking assys nuts and plugs etc

14.	PL-451	ALMINUM POWDER	Grm	Imported		Use for TDS
15.	AEROSHELL 500	TURBINE OIL	Qts	Imported req Brand: AERO SHELL 500 TURBINE OIL Mil Specs: MIL-PRF-23699G NATO Code 0-156 COC/ Tech Documents with matching batch number is mandatory and will be re-confirmed from OEM		For Lubrication of MGB, Engs, APU
16.	MIL-PRF-5606H	HYD Oil	Qrs	Product Name: HYDRAUNYCOIL FH 51 Type: Hydraulic Fluid Petroleum Base (Aircraft, Missile, and Ordnance) Manufacturer: NYCO S.A. NATO Stock / Code Number: H-515 Military Specification: MIL-PRF-5606H Joint Service Designation: OM-15 COC/ Tech Documents with matching batch number is mandatory and will be re-confirmed from OEM		Use in Hyd System

17.	MIL-PRF-5606	HYD OIL	Ltr	Imported Brand: Aeroshell FLUID 41 Mil Specifications: Mil-PRF-5606J COC/ Tech Documents with matching batch number is mandatory and will be re-confirmed from OEM		
18.	RTV-730	SEALING COMPOUND	Tub	Imported Item is required only Brand: DOWSIL™ 730 90ml tube COC/ Tech Documents with matching batch number is mandatory and will be re-confirmed from OEM		gasket adhesive use in IGB, TGB, MRH
19.	11-49/ PWC11-049	CORRISION INHIBITOR	Ltr	Imported Brand: Ardrox 185		Use for compressor wash
20.	AVN-EXP-40649	EZI KLEAN	Ltr	OEM: NURISTAA Product Code CON-ATSG-030 EA Can 30Ltr COC/ Tech Documents with matching batch number is mandatory and will be re-confirmed from OEM		Use for cleaning of Hardware and assys

21.	BISON KIT CAN 650ML	Adhesive OEM Ref No Bison Kit Can 650 ML,Aviation Expendable,RW,MI-17,Bison,Netherland	Nos	Imported item is required Brand: BISON 650ml Packing Required Contact Adhesive COC/ Tech Documents with matching batch number is mandatory and will be re-confirmed from OEM		use in upholstery seats and celling
22.	AS006H /AVN-366-16047-381	HARDNER 07-50	Ltr	Brand: Andrew Pakistan No other brand is required and may not be quoted COC/ Tech Documents with matching batch number is mandatory and will be re-confirmed from OEM		Use in paint of assys and structure
23.	AS 004	EP PRIMER	Ltr	Brand: Andrew Pakistan No other brand is required and may not be quoted COC/ Tech Documents with matching batch number is mandatory and will be re-confirmed from OEM		Use for 2nd primer of assys and structure
24.	AS 001	THINNER	Ltr	Brand: Andrew Pakistan No other brand is required and may not be quoted COC/ Tech Documents with matching batch number is mandatory and will be re-confirmed from OEM		Use painting of assys and structure
25.	AS006-BL	ANDREW AERODREW FINISH M07 BLACK	Ltr	Brand: Andrew Pakistan No other brand is required and may not be quoted COC/ Tech Documents with matching batch number is mandatory and will be re-confirmed from OEM		Structrue paint and assy

26.	7920-ZO-250-0104-OLD	PAINT Enamel BLACK	Ltr	Enamel Homebrite		Structrue marking
27.	F-4904-OLD	PAINT WHITE	Ltr	Enamel Homebrite		Structrue marking
28.	AVN-5031061	PAINT LACQUER DARK BLUE	Ltr	VTI,Nitrocellolous. Code : Blue 6004		Structrue marking
29.	AVN-503584	DORI PARACHUTE 1/8"	Mtr	Locally Available		use in preparation uphostery seats ,belts
30.	AVN-NIV-V-37	VELCRO TAPE 1" M/F BLACK	FT	Locally Available A/U "FT" Refers To Mtr		use in preparation uphostery seats ,belts

31.	AVN-NIV-V-40	VELCRO TAPE Mail/Femail 2" BLACK	Mtr	Locally Available		use in preparation uphostery seats ,belts
32.	AVN-503511	LEATHER RITE REXINE BLACK	Mtr	Width 4 Feet 8 Inch Locally available **Best Quality to be quoted** Sample to be provided by firm for acceptance Sample May Be Collected/Seen From 503 Workshop Dhamial		use in preparation uphostery seats ,belts,pilot ,co-pilot seats
33.	AVN-5031011	AVIATION FELT 2MM	Sht	(40'x40')		use in preparation uphostery seats ,belts
34.	AVN-5031042	POLYESTER 250Gm	Mtr	3 Feet 9 Inch **Best Quality to be quoted** Sample to be provided by firm for acceptance Sample May Be Collected/Seen From 503 Workshop Dhamial		use in preparation uphostery seats ,belts

35.	TPN-EXP-501/71-OLD	REXINE RED	Mtr	Width 4 Feet 8 Inch Locally available **Best Quality to be quoted** Sample to be provided by firm for acceptance Sample May Be Collected/Seen From 503 Workshop Dhamial		use in preparation uphostery seats ,belts
36.	AVN-5031015	BUTTON PRESS	Doz	Locally available **Best Quality to be quoted** Sample to be provided by firm for acceptance Sample May Be Collected/Seen From 503 Workshop Dhamial		use in preparation uphostery seats ,belts
37.	AVN-503599	PARACHUTE CLOTH BLACK	Mtr	Width 4 Feet 8 Inch Locally available **Best Quality to be quoted** Sample to be provided by firm for acceptance Sample May Be Collected/Seen From 503 Workshop Dhamial		use in preparation uphostery seats ,belts
38.	AVN-503542	WEB STRAP BLACK 2"	Mtr	Locally available **Best Quality to be quoted** Sample to be provided by firm for acceptance Sample May Be Collected/Seen From 503 Workshop Dhamial		use in preparation uphostery seats ,belts

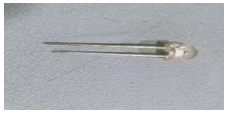
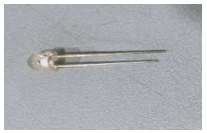
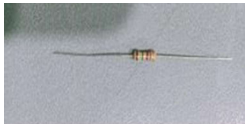
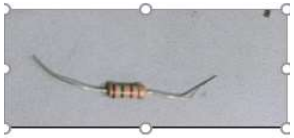
39.	AVN-NIV-V-36	VELCRO M/F WHITE 1 inch	Mtr	Locally available **Best Quality to be quoted** Sample to be provided by firm for acceptance Sample May Be Collected/Seen From 503 Workshop Dhamial		use in preparation uphostery seats ,belts
40.	1969-503-076	THREAD BLACK CHAIN	Nos	50 Number Thread. AU Tub refers to each thread roll. Locally available **Best Quality to be quoted** Sample to be provided by firm for acceptance Sample May Be Collected/Seen From 503 Workshop Dhamial		use in preparation uphostery seats ,belts
41.	AVN-5031053	THREAD WHITE NOS 50	Tub	50 Number Thread. AU Tub refers to each thread roll. Locally available **Best Quality to be quoted** Sample to be provided by firm for acceptance Sample May Be Collected/Seen From 503 Workshop Dhamial		
42.	AVN-503517	MASTER MOLTY FOAM 4x3x6	Sht	Company : Master Molty foam Only No other brand/ type to be quoted		use in preparation uphostery seats ,belts

43.	AVN-503532	THREAD BROWN NO 50	Tub	50 Number Thread. AU Tub refers to each thread roll. Locally available **Best Quality to be quoted** Sample to be provided by firm for acceptance Sample May Be Collected/Seen From 503 Workshop Dhamial		use in preparation uphostery seats ,belts
44.	AVN-503591	TAILOR CHALK	Pkt	10 Nos		use in preparation uphostery seats ,belts
45.	1969-503-093	VELCRO M/F 2"	Mtr	Locally available **Best Quality to be quoted** Sample to be provided by firm for acceptance Sample May Be Collected/Seen From 503 Workshop Dhamial		use in preparation uphostery seats ,belts
46.	AVN-503572	Aviation Grade Carpet(Blue)	SQF	A/U Refers To Ft square **Best Quality to be quoted** Sample to be provided by firm for acceptance Sample May Be Collected/Seen From 503 Workshop Dhamial		used for cockpit

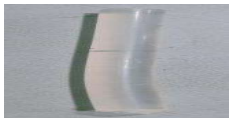
47.	AVN-366-16047-366	LEATHER COW LIGHT BROWN	Kg	Locally available **Best Quality to be quoted** Sample to be provided by firm for acceptance Sample May Be Collected/Seen From 503 Workshop Dhamial		use in preparation uphostery seats ,belts

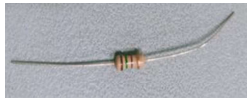
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NVG ITEMS - MI-17

Ser	Part No	Nomenclature	A/U	Remarks/Addl Info	Photo
1.	NVG-17-4G	LED Green 4mm	Nos	Input voltage 3.6 Vdc green illumination Sample to be provided by firm for acceptance. Sample can be checked from 503 Workshop before quoting	
2.	NVG-17-3G	LED Green 3mm	Nos	Input voltage 3.6 Vdc green illumination Sample to be provided by firm for acceptance. Sample can be checked from 503 Workshop before quoting	
3.	NVG-17-4W	LED White 4mm	Nos	Input voltage 3.6 Vdc green illumination Sample to be provided by firm for acceptance. Sample can be checked from 503 Workshop before quoting	
4.	NVG-17-R1.4K	Resistor 1.4 KOHM	Nos	Resistance rating 1.4KΩ Sample to be provided by firm for acceptance. Sample can be checked from 503 Workshop before quoting	
5.	NVG-17-R160	Resistor 160 OHM	Nos	Resistance rating 160Ω Sample to be provided by firm for acceptance. Sample can be checked from 503 Workshop before quoting	
6.	NVG-17-R1501W	Resistor 150Ω,1W	Nos	Resistance rating 150Ω,1W Sample to be provided by firm for acceptance. Sample can be checked from 503 Workshop before quoting	

7.	NVG-17-PCB20	PCB	Nos	Printed circuit board Sample to be provided by firm for acceptance. Sample can be checked from 503 Workshop before quoting	
8.	NVG-17-SP	Soldering Paste 50/150 gm	Pkt	DEXLE company (Neutral PH7±0.3) Sample to be provided by firm for acceptance. Sample can be checked from 503 Workshop before quoting	
9.	NVG-17-TI	Thimble "I" Type 2.5mm	Pkt	Thimle Shape I type size = 2.5mm Sample to be provided by firm for acceptance. Sample can be checked from 503 Workshop before quoting	
10.	NVG-17-TO	Thimble "O" Type 2.5mm	Pkt	Thimble shape O Type size (2.5mm) Sample to be provided by firm for acceptance. Sample can be checked from 503 Workshop before quoting	
11.	NVG-17-HS.PLATE	Heat Sink Plate	Nos	For protect IR led from heat Sample to be provided by firm for acceptance. Sample can be checked from 503 Workshop before quoting	
12.	NVG-17-HSP	Heat Sink Plate	Pkt	Heat sink paste OEM no 3430CT High Temp Conductivity 300 degree Celsius Sample to be provided by firm for acceptance. Sample can be checked from 503 Workshop before quoting	

13.	NVG-17-3PS	Three Position Switch	Nos	Three Pos Sw Suitable for 28 Vdc and 5 Amp Sample to be provided by firm for acceptance. Sample can be checked from 503 Workshop before quoting	
14.	NVG-17-ST2	Silicon Tube	Pkt	Silicon tube used to prevent from shortage of Led points Sample to be provided by firm for acceptance. Sample can be checked from 503 Workshop before quoting	
15.	NVG-17-CBPSP	Circuit Breaker Panel Strip Plate	Nos	PVC plastic strips used for indicating the toggle switch location Sample to be provided by firm for acceptance. Sample can be checked from 503 Workshop before quoting	
16.	NVG-17-NFLP	NAV/ FORMN Light Plate	Nos	PVC plastic used for indicating the toggle Sw function Sample to be provided by firm for acceptance. Sample can be checked from 503 Workshop before quoting	
17.	NVG-17-SPLICE	Splices	Dozen	OEM Part No:D436-37 Good quality and used for Joint 2 wires Sample to be provided by firm for acceptance. Sample can be checked from 503 Workshop before quoting	
18.	NVG-17-IRLED1.4V	IR LED (1.4 V)	Nos	input voltage 1.4vdc Sample to be provided by firm for acceptance. Sample can be checked from 503 Workshop before quoting	
19.	NVG-17-PS	Power Supply	Nos	Part No: 01008061 (Input voltage 28Vdc Output voltage 2Vdc to 28Vdc) Sample to be provided by firm for acceptance. Sample can be checked from 503 Workshop before quoting	

20.	NVG-17-R1100	Resister 1100 Ω 1/8 Watt	Nos	Resistance rating 1100 Ω 1/8w Sample to be provided by firm for acceptance. Sample can be checked from 503 Workshop before quoting	
21.	NVG-17-R1.2K1W	Resister 1.2 KΩ 1 Watt	Nos	Resistance rating 1.2 KΩ,1w Sample to be provided by firm for acceptance. Sample can be checked from 503 Workshop before quoting	
22.	NVG-17-RR1100	RESISTOR 100 OHM	NOS	Resistance rating 100 Ω Sample to be provided by firm for acceptance. Sample can be checked from 503 Workshop before quoting	

Anx F

SPARES BAMBI BUCKET MI-17

Ser	Part No / Alt Part No	Nomenclature	A/U	Remarks/Addl Info	Photo
1.	GP-SIGTA-00018	Circuit Breaker (10 Amp)	Nos	**Imported aviation standard item is required** MS35058-23 8810K15 Circuit breaker amp upto 10amp **Best Quality to be quoted** Sample to be provided by firm for acceptance Sample May Be Collected/Seen From 503 Workshop Dhamial	
2.	MS25041-4	Light indicator	Nos	Code AD16-16C Input voltage AC/DC 24≤ 20mA Red light indicator **Best Quality to be quoted** Sample to be provided by firm for acceptance Sample May Be Collected/Seen From 503 Workshop Dhamial	
3.	6210-00-284-0289	Light indicator	Nos	Code AD16-16C Input voltage AC/DC 24≤ 20mA **Best Quality to be quoted** Sample to be provided by firm for acceptance Sample May Be Collected/Seen From 503 Workshop Dhamial	
4.	360PS01-A-5-F	Push Button (Spring Loaded)	Nos	12-24V AC/DC Push button Spring Loaded Stainless Steel Material **Best Quality to be quoted** Sample to be provided by firm for acceptance Sample May Be Collected/Seen From 503 Workshop Dhamial	
5.	TKD12PODGB	Contactor	Nos	60.12.9.024.0040 FINDER company Input Voltage 24VDC / 250VAC 10 Amp **Best Quality to be quoted** Sample to be provided by firm for acceptance Sample May Be Collected/Seen From 503	

				Workshop Dhamial	
6.	0577061-000	3 Pin Plug	Nos	3 pin male female plug Stainless steel Material **Best Quality to be quoted** Sample to be provided by firm for acceptance Sample May Be Collected/Seen From 503 Workshop Dhamial	
7.	AVN-GSE-786042	2 Pin Elect Plug	Nos	2 pin male female plug Stainless steel Material **Best Quality to be quoted** Sample to be provided by firm for acceptance Sample May Be Collected/Seen From 503 Workshop Dhamial	
8.	985710-100k	Cable Electrical	Mtr	Single Core Wire with current capacity 10 Amp Sample to be provided by firm for acceptance. Sample can be checked from 503 Workshop before quoting **Best Quality to be quoted** Sample to be provided by firm for acceptance Sample May Be Collected/Seen From 503 Workshop Dhamial	
9.	AVN-EXP-4914	Shrinkable Sleeve 5 mm	Nos	Shrinkable sleeve size 5mm **Best Quality to be quoted** Sample to be provided by firm for acceptance Sample May Be Collected/Seen From 503 Workshop Dhamial	
10.	5801226-001	Terminal strip	Nos	Code TB-2506L Voltage Capacity 600V-25A 6 Pair Strip **Best Quality to be quoted** Sample to be provided by firm for acceptance Sample May Be Collected/Seen From 503 Workshop Dhamial	

11.	MS25036-111	Terminal Leg	Nos	thimble shape U Type size (2.5mm) **Best Quality to be quoted** Sample to be provided by firm for acceptance Sample May Be Collected/Seen From 503 Workshop Dhamial	

Anx G

AVCVR EXPENDABLE

Ser	Part No	Nomen	A/U	Qty	Mil/ Tech Spec	Photo
1.	**AVN-503-AVCVR-COMMON**	**MODIFICATION KIT, COMMUNICATION,EQUIPMENT,AVCVR,OEM REF NO AVN-503-AVCVR-COMMON,WIRING & INSTALLATION,503 AVN BASE WKSP, PAKISTAN**	**Nos**	**25**	▪ **Modification kit comprises of 69 x items** ▪ **Details and quantities of items required for 1 complete kit is attached as Appendix 1 to Anx G** ▪ **Single quote is required against this item**	▪ **Details of kit including items and quantities of each item is mentioned at Appendix 1 to Anx G (attached below)** ▪ **Quote single rate for complete kit; no rates needed for items mentioned at Appendix 1**
2.	6127533-046	SEALING	NOS		MFR: Prints Pk Paper Sticker for Tamper Proofing Size : A4 Sheet	
3.	AVN-EXP-44285	BAKING SODA	NOS		MFR: Mother Choice Sodium Bicarbonate ($NaHCO_3$) Commonly Known as Baking Soda A/U in KGs	
4.	AVN-SIGS-4908	BNC Connector	NOS		MFR: Canare Material : Copper + Aluminum Type : Solder Free Size : 13 mm Diameter	

5.	ASNE0608-02	BRACKET,CLAMP	NOS		MFR: Fixotec Pk Material : Nylon Dimensions : 12 x 22 mm	
6.	DHS754-150-10	BREADING	MTR		MFR: Tech Flex USA Braided Sleeve Material : NYLON Size : 10 mm Diameter	
7.	985710-040k	CABLE ELECTRICAL	FT		MFR: Wire Masters USA Stranded, Flexible Tin coated copper wire Temp Rating : 240°C Size : 24 AWG Aviation Grade	
8.	985710-060KBLEU	CABLE ELECTRIC	NOS		MFR: Wire Masters USA Stranded, Flexible Tin coated copper wire Temp Rating : 240°C Size : 22 AWG Aviation Grade	
9.	985771-040k10D	CABLE.ELECTRICAL	NOS		Shielded Stranded, Flexible Tin coated copper wire (1 Core) Temp Rating : 240°C Size : 24 AWG Aviation Grade	
10.	985772-100K10D	CABLE ELECTRICAL	NOS		MFR: Wire Masters USA Shielded Stranded, Flexible Tin coated copper wire (2 Core) Temp Rating : 240°C Size : 24 AWG Aviation Grade	

11.	330A67-0522-169	CABLE ElecTRICAL	NOS		MFR: Wire Master USA 4 Core Cable Tin Plated Copper (Stranded Shielded) Gauge : 22 AWG Voltage : 110 - 220	
12.	AVN-SIGS-4894	Camera 5 MP HD Dome	NOS		Manufacturer : DAHUA Model : DH-HAC-T1AP15	
13.	DHS771-124-03	CIRCUIT BREAKER 1A	EA		MFR : CROUZET Mfr P.No : 84400048 Rating : 1 Amp Type : Push-Pull Poles : Single Pole	
14.	AVN-SIGS-4893	DC Power Pin	NOS		MFR: Switch Craft Inc DC Power Pin MALE Type : Solder Contacts Size : 2.1 x 5.5 mm	
15.	AVN-SIGS-4899	DC Power Supply Variable	NOS		MFR: Local Voltage : 6 to 36 VDC (Variable) Current : 3 Amp	

16.	DHS751-111-06	CAP,BLANKING	NOS		Material : Rubber Internal Dia : 10 mm External Dia : 16 mm For 2 mm Thickness sheet	
17.	3M*	ISOLATOR,MALE	NOS		MFR: Advance tech High Speed USB 2.0 Isolator Supports 480Mbps,12Mbps,1.5Mbps Safety device to protect SSD harddisk against voltage/ current fluctuations	
18.	AVN-503-T-3907	DRILL BIT 3/32"	NOS		MFR: TITAN Material : Tungsten Carbide Size : 3/32" Used For : Sheet Metal	
19.	AVN-5032-113	DRILL BIT 5/32"	NOS		MFR: TITAN Material : Tungsten Carbide Size : 5/32" Used For : Sheet Metal	
20.	AVN-5032-112	DRILL BIT 1/8"	PKT		MFR: TITAN Material : Tungsten Carbide Size : 1/8" Used For : Sheet Metal	
21.	AVN-Tool-44159	DRILL BIT 5 MM	DOZ		MFR: TITAN Material : Tungsten Carbide Size : 5 MM Used For : Sheet Metal	
22.	AVN-SIGS-4902	LAN Jointer Cu	NOS		MFR : U Green RJ45 Coupler for CAT-6 Cable	

23.	HGB953046	BTY CELL 3.7V	NOS		MFR: MAXELL Lithium Cell 3V Model : CR1220 Current: 35 mah	
24.	AVN-503490	PARACHUTE BLACK FIRE PROOF	MTR		MFR: Sikor- Tex China Fire Retardant Fabric High Temp Resistant 60degree Celsius	
25.	6127426-016	RIVET	LBS		MFR: Howmet Aerospace Counter Sunk Head Material : Aluminum Alloy Size : 3/32 Inch Length : 6mm	
26.	6127426-023	RIVET	LBS		MFR: Howmet Aerospace Round Head Material : Aluminum Alloy Size : 1/8 Inch Length : 5/16 Inch	
27.	MS20470-AD4-7	RIVET	NOS		MFR: Howmet Aerospace Universal Head Material : Aluminum Alloy Size : 1/8 Inch Length : 7/16 Inch	
28.	MS20426AD3-5	RIVET,SOLID	NOS		MFR: Howmet Aerospace Counter Sunk Head Material : Aluminum Alloy Size : 3/32 Inch Length : 5/16 Inch	
29.	MS20426B2-8	RIVET SOLID	NOS		MFR: Howmet Aerospace Head Marking : Dimpled Material Code 2117AD Material : Aluminum Alloy Dia : 3.2 mm Length : 4mm	

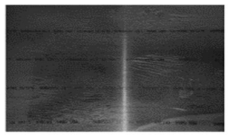
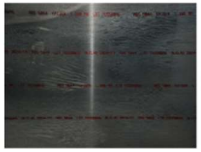
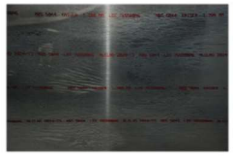
30.	MS20426AD3-4	RIVET,SOLID	NOS		MFR: Howmet Aerospace Counter Sunk Head Material : Aluminum Alloy Size : 3/32 Inch Length : 1/4 Inch	
31.	6127195-002	RIVE NUT	NOS		MFR: Howmet Aerospace Material : Aluminum Alloy Size : 4mm Length: 14mm	
32.	209-030-216-71	RUBBER STRIP	NOS		MFR: Howmet Aerospace Material : Rubber Width : 1.5 mm Thickness : 2 mm A/U in Meter	
33.	EN6049-003-04-5	SHEATH, BRAIDED	EA		MFR: Tech flex USA Braided Sleeve Material : NYLON Size : 5 mm Diameter	
34.	AVN-SIGs-4919	Shocks Mount	NOS		Material : Rubber Shape : Cylindrical Dia : 30 mm Length : 30 mm Center Hole Dia : 6 mm	
35.	AVN-EXP-4913	SHRINKABLE SLEEVE 2MM	NOS		MFR: Tyco Electronics Material: Rubber Size : 2 mm Diameter Voltage Rating : 600 V Temp Rating : -40 º C to 125 º C	
36.	AVN-EXP-4915	SHRINKABLE SLEEVE 10MM	NOS		MFR: Tyco Electronics Material: Rubber Size : 10 mm Diameter Voltage Rating : 600 V Temp Rating : -40 º C to 125 º C	

37.	NVG-17-SS15MM	SHRINKABLE SLEEVE 15MM	MTR		MFR: Tyco Electronics Material: Rubber Size : 15 mm Diameter Voltage Rating : 600 V Temp Rating : -40 º C to 125 º C	
38.	617812	SPACER	EA		Length : 0.8 Inch Base : 0.2 Inch Diameter Screw Size : 5mm	
39.	AVN-SIGS-4909	Terminal Strip 6 pt DC	NOS		MFR: RS Group Terminal Block Ratings : 600 V, 25 A Poles : 6 Poles (Dual Row) Size (L x W x H) : 70 x 20 x 15	
40.	610-5F	TOGGLE SWITCH	NOS		MFR: NKK Switches USA 2 States ON/OFF Rating : 3A , 250V & 5A , 125V Connection : 6 Pin Mounting Hole Size : 20 mm Dimensions (W x L x H) : 20 x 28 x 45	
41.	M39029/31-240	PIN CONNECT MALE	NOS		"MFR: Elecbee Required : Pair of Male & Female Model : ARS-9305-CBL (Female) No of pins: 5 Diameter : 17.86 mm Length : 40.49 mm Model : ARS-9305-CBL (Male) Diameter : 16.26 mm Length : 0.64 inch"	

42.	0000057014	CONNECTOR	NOS		Model : Y2M-7TK MAKE : HETSCS Pins Type : 7 Pin Solder Mounting Type: Cable Dimensions : 1 x 1 inchs Shell Size : 21 mm Operating Temp : -40 to 85 degrees Rated Current : 10 Amp Contact Material : Brass	
43.	Y2-24ZJ	24 PIN CONNECTOR SOCKET	NOS		Model : Y28M-24TK MAKE : Elecbee Pins Type : 24 Pin Solder Mounting Type: Cable Dimensions : 9.84 x 7.87 x 3.94 inchs Rated Current : 10 Amp Contact Material : Brass	
44.	AVN-SIGS-4892	XVR 4.0 DAHUA 265x125x50 MM	NOS		4 CH DVR MFR : DAHUA Dimensions (LxWxH) : 265 x 125 x 50 mm Modified Input/Output Connectors 7 Pin 24 Pin 5 Pin LAN & HDMI	
45.	D436-36	SPLICE RED	NOS		MFR: Tyco Electronics Color Code : Red Size : for 14 - 16 AWG wire / 1.5 - 2.5 mm	

46.	AVN-SIGS-4900	Thimble Power Supply	NOS		MFR: Tyco Electronics Material: Copper Insulation: PVC Insulated For 12 VDC Size : for 22 to 18 AWG wire / 0.5 - 1.0 mm	
47.	DHS711-713.13	LUG, TERMINAL	NOS		MFR: Te Connectivity Material: Copper, tin coated PVC Insulated Conductor Size : 22 - 18 AWG / 0.5 - 1.0 mm Hole Size : M4	
48.	DHS711-713-25	LEG TERMINAL	EA		Material: Copper, tin coated PVC Insulated Conductor Size : 14 - 16 AWG / 1.2 - 2.5 mm Hole Size : M5	
49.	AVN-EXP-4910	NYLON STRAP KSS 4? CV-150	NOS		MFR: KSS Material : NYLON Length : 4" Operating Temp : -40 degrees to 85 degrees Packing : 100 Pcs	
50.	AVN-EXP-4911	NYLON STRAP KSS 8? CV-350	NOS		MFR: KSS Material : NYLON Length : 8" Operating Temp : -40 degrees to 85 degrees Packing : 100 Pcs	
51.	AVN-EXP-4912	NYLON STRAP KSS 12? CV-450	NOS		MFR: KSS Material : NYLON Length : 12" Operating Temp : -40 degrees to 85 degrees Packing : 100 Pcs	

52.	AVN-SIGS-4895	AVCVR Panel Ind It	NOS		MFR: LOCAL Material : Aluminum Size (L x W) : 75 x 45 mm Thickness : 1.2 mm POWER IND and SSD FAILURE holes : 10 mm Dia 2x Screw Hole : 4 mm Dia	
53.	DHS713-511.02	SLEEVE SELFSOLDRING	NOS		MFR: Tyco Electronics Size : for 22 to 18 AWG wire / 0.5 - 1.0 mm Length : 40 mm Dia : 2.7 mm	
54.	DHS713-511.03	SLEEVE SELF SOLDERING	NOS		MFR: Tyco Electronics Size : for 16 - 14 AWG wire / 1.5 - 2.5 mm Length : 40 mm Dia : 4.5 mm	
55.	PFP-27-450-1	LIGHT	NOS	1	MFR: RS PRO Color : Amber light LED Voltage : 12 VDC LED Current : 0.02 Amp to 20 mAmp Connector Type : JST-2 Pin Male	
56.	CM-1BM	LIGHT	NOS		MFR: RS PRO Color : Green Light LED Voltage : 12 VDC LED Current : 0.02 Amp to 20 mAmp Connector Type : JST-2 Pin Male	
57.	85100R8	CONNECTOR	NOS		MFR: Tyco Electronics Type : JST-2Pin Female Voltage : 24 VDC	

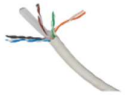
58.	6161909-000	SOLDERING WIRE	GM		MFR: DECENT Tin/Lead Composition : 60/40 Thickness : 0.8 mm Weight : 50 Grams per piece	
59.	TI-75A AMS 4901L	Titinum Allow Sheet Metal	NOS		MFR: KAISER ALLUMINIUM USA Titanum Alloy Sheet Thickness : 0.8 mm Size : 4 x 8 Feet	
60.	ASNA3012-8581	PLATE	NOS		MFR: KAISER ALLUMINIUM USA Aluminum Alloy Sheet Markintg Code : ALCLAD 2024-T3 Thickness : 1.0 mm Size : 4 x 8 Feet	
61.	ASNA3012-8600	ALUMINIUM SHEET	NOS		MFR: KAISER ALLUMINIUM USA Material : Aluminum Markintg Code : ALCLAD 2024-T3 Thickness : 1.2mm Size : 4 x 8 Feet	
62.	2024 PLT 3EPO-3	SHEET	NOS		MFR: KAISER ALLUMINIUM USA Material : Aluminum Markintg Code : ALCLAD 2024-T3 Thickness : 1.5 mm Size : 4 x 8 Feet	
63.	22201BC050003L	SCREW	NOS		MFR: CHERRY AEROSPACE Hex Head Material : Stainless Steel Alloy Size : 5mm Length : 12mm	

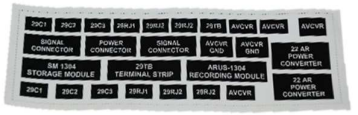
64.	22201BC050004L	SCREW	NOS		MFR: CHERRY AEROSPACE Hex Head Material : Stainless Steel Alloy Size : 4mm Length : 14mm	
65.	22256BC050014L	SCREW	NOS		MFR: CHERRY AEROSPACE Counter Sunk Head Material : Stainless Steel Alloy Size : 5mm Length : 14mm	
66.	22271BC040012L	SCREW	NOS		MFR: CHERRY AEROSPACE Universal Head Material : Stainless Steel Alloy Size : 4mm Length : 12mm	
67.	22271BC040014L	SCREW	NOS		MFR: CHERRY AEROSPACE Universal Head Material : Stainless Steel Alloy Size : 4mm Length : 14mm	
68.	22271BC050014L	SCREW	NOS		MFR: CHERRY AEROSPACE Universal Head Material : Stainless Steel Alloy Size : 5mm Length : 14mm	

69.	22271BC050020L	SCREW,MACHINE	NOS		MFR: CHERRY AEROSPACE Universal Head Material : Stainless Steel Alloy Size : 5mm Length : 20mm	
70.	6127321-013	SCREW	NOS		MFR: CHERRY AEROSPACE Round Head Material : Stainless Steel Size : 4 mm Length : 14 mm	
71.	6127330-043	SCREW	NOS		MFR: CHERRY AEROSPACE Counter sunk Material : Stainless Steel Size : 4 mm Length : 14 mm	
72.	6127366-027	SCREW	NOS		MFR: CHERRY AEROSPACE Round Head Material : Stainless Steel Size : 3 mm Length : 12 mm	
73.	6127391-008	SCREW	NOS		MFR: CHERRY AEROSPACE Counter Sunk Material : Stainless Steel Size : 5 mm Length : 50 mm	
74.	MS27039C0805	SCREW, MACHINE	NOS		MFR: CHERRY AEROSPACE PAN Head Machine Screw Material : Corrosion Resistant Steel Size : 4mm Length : 3/8 Inch	

75.	MS27039C0808	SCREW,MACHINE, PAN HEAD	NOS		MFR: CHERRY AEROSPACE PAN Head Machine Screw Material : Corrosion Resistant Steel Size : 4mm Length : 14 mm	
76.	111296-74	BLIND RIVET	NOS		MFR: CHERRY AEROSPACE Material : Aluminum Size : 1/8 Inch	
77.	ASNA0080-411A	RIVET	NOS		MFR: CHERRY AEROSPACE Material : Aluminum Size : 3/32 Inch	
78.	6127194-037	NUT	NOS		MFR: Howmet Aerospace Self Locking Nut Material : Steel with Cadmium Plating Screw Size : 3 mm	
79.	6127194-067	NUT	NOS		MFR: Howmet Aerospace Self Locking Nut Material : Steel with Cadmium Plating Screw Size : 5 mm	
80.	52351CCM050E	NUT,ANCHOR	NOS		Two Lug Fixed Anchor Nut Material : Matallic Center Screw Hole, Size : 5mm Center to Center Distance b/w Mounting Holes : 15mm	
81.	52358CBD050N	NUT ANCHOR	NOS		MFR: Howmet Aerospace Two Lug Fixed Anchor Nut Material : Matallic Center Screw Hole Size : 5mm Center to Center Distance b/w Mounting Holes : 20mm	

82.	6127321-004	NUT,ANCHOR	NOS		MFR: Howmet Aerospace Two Lug Fixed Anchor Nut Material : Steel Center Screw Hole, Size : 5mm Center to Center Distance b/w Mounting Holes : 10mm Aviation Grade	
83.	MS21075L04N	NUT PLATE	NOS		MFR: Howmet Aerospace Two Lug Fixed Anchor Nut Material : Steel Center Screw Hole, Size : 4mm Center to Center Distance b/w Mounting Holes : 10mm Aviation Grade	
84.	52350FBD050N	NUT,ANCHOR	NOS		MFR: Howmet Aerospace Material: Metallic Type : Moveable Center hole size : 5mm	
85.	52351CBD040N	NUT ANCHOR	NOS		MFR: Howmet Aerospace Material: Metallic Type : Moveable Center hole size : 4mm	
86.	52353CBDO40N	NUT ANCHOR	NOS		MFR: Howmet Aerospace Material: Metallic Type : Moveable Center hole size : 3 mm	
87.	MS21069L08	NUT PLATE	NOS		MFR: Howmet Aerospace Material: Metallic Type : Moveable Center hole size : 2.5 mm	
88.	23111AG040LE	WASHER	NOS		MFR: CHERRY AEROSPACE Material : Stainless Steel Size : 4mm	

89.	23111AG050LE	WASHER FLAT	NOS		MFR: CHERRY AEROSPACE Material : Stainless Steel Size : 5mm	
90.	21215TB3215 RIVET B42/4	STEEL RIVET SPECIAL	NOS		MFR: CHERRY AEROSPACE Material : Steel Type : Round Head Head Thickness : 2.4 mm Length : 8 mm	
91.	M9513G	GRINDER	NOS		MFR: TITAN Material : Tungsten Carbide Shape : Ball Nose Head Dia = 14 mm Head Length = 25 mm	
92.	5995ZO3520699	LAN Cable Cat-6	NOS		Manufacturer : Dahua Type : CAT-6 UTP Cable	
93.	2510ZO3505885	BEADING RUBBER	NOS		MFR: WARCO Rubber edge trim U-Shaped Material : Flexible Synthetic Rubber For 1 mm to 1.5mm Sheet	
94.	UG291BU	CONNECTOR	NOS		USB 2.0 Type : Female Connector Material : Tin plated steel Shell Material : Black Plastic	
95.	ATG-0067	CUTTER BLADE	NOS		MFR: TITAN Material : Solid Tungsten Tungsten Carbide Size : 4"	

96.	GP-AVN-00200	FIXTURE	EA		Material : Polymer Plastic Size L x W x H : 100 x 133 x 13	
97.	AVN-EXP-4920	GMSA COMPOUND	NOS		GMSA Glue (Rapid Bounding) Size : 20 gm	
98.	GP-SIGTA-01785	HARDWARE KIT	NOS		Material : HSS 2 x Counter sunk M4 x 20 mm Nut & Screw 2 x Counter sunk M3 x 15 mm Nut & Screw 2 x Round Head M3 x 15 mm Nut & Screw 2 x Counter Sunk M2 x 10 mm Screw & Nut	
99.	AVN-SIG-59006	AVCVR INTERFACE	NOS		Material : Aluminum LAN Connector Mount Bracket Markings : AVCVR INTERFACE Size L x W x H : 40 x 80 x 40 mm	
100.	AVN-EXP-4921	INTERFACE TAGS	NOS		Electronic Equipment Label Sticker Sheet Material : Polyethylene	
101.	3958113	MACHINIST TAP & DIE SET	NOS		MFR: TITAN 3 Pcs Tap Set Material : Tungstin Carbide Size : 3mm, 4mm & 5mm 3pcs Set	

102.	AVN-503568	SOLUTION NT-80	LTR		Material : Polyehloroprene Packing : 600 gm Use for upholstery	
103.	AED600U31-CBK	SSD ADATA CASING	NOS		MFR: Kingston/Samsung/ Hikvision M2NGFF SSD Casing Material : Alluminum Alloy Transfer Rate : 5 Gbps SSD supporting sizes : 2230, 2242, 2260 & 2280	
104.	Y2/5810/ADVANCED_100-D316	SSD-99000	NOS		MFR: Kingston/Samsung/ Hikvision M2NGFF SSD Storage : 128 GB	
105.	C33-5026	VARIABLE RESISTOR	NOS		MFR: Vishay Electronic Code : 503 or 50KA Material : Melt Resistant Thermoplastic Terminals : Tin Plated Copper / Brass	
106.	0177697890	CARD ASSY RELAY	NOS		MFR: Kingston/Samsung/ Hikvision SATA III to M.2 SSD Card Assy. Size support different length M.2 drives. Dimentions : 22mm x 80mm PCB made of FR-4 a flame retardant fiber glass	
107.	DCD771C2 (220A)	Dewalt Drill Cordless	NOS		MFR By Stanely Black & Decker 1x Drill driver Unit 2x20v Max 1.3 AH Compact Li-Ion Bty Packs 1x Compact Bty Charger	

					1x Storage bag	
108.	AVN -Tool- 4410	RIVET NUT GUN	NOS		Mfr GianTisan Tool Kit Model : BT- 607 Tool Length : 410 mm Tmetric Sizes M3,M4,M5,M6,M8,M10,M12	
109.	1001A60	SOLDEERING IRON	NOS		MFR :Suoer Model No : SE 960 INPUT Voltage: 220 vac output power : 60 W	
110.	MODEL PT52-2	TAP AND DIE SET	NOS		MFR :Titan Material : Tungsten carbide Size: 2mm length : 45mm	
111.	204-050-154-1	JSTXH CONNECTOR	NOS		MFR : Tyco electronics Connectivity Pins counts : 4 Pins Pitch : 2.54 mm	
112.	5355-01-080-0567	KNOB	NOS		**Rehostate** MFR: Ohmite Material: Ceramic Terminal: 3 Solder luds Power: 2 Watt 15K ohms	
113.	DS-2ZCA1723S	Camera	NOS		MFR: Japan / China Material: Aluminium alloy 570/733 Dimension: 50*50*50mm Weight: 0.230 Kg Resolution 5MP	
114.	AVN-NIV-P-261	POWER SUPPLY 28 V DC	Nos		MFR: Local Input: 28V DC Output:12.3VDC Current: 3Amp Backup: 30 Min	

Appendix 1 to Anx G

AVCVR MODIFICATION KIT ITEMS AND QUNATITIES PER KIT

Ser	Part No	Nomen	A/U	Qty per Kit	Mil/ Tech Spec	Photo
1.	6127533-046	SEALING	NOS	1	MFR: Prints Pk Paper Sticker for Tamper Proofing Size : A4 Sheet	
2.	AVN-EXP-44285	BAKING SODA	NOS	4	MFR: Mother Choice Sodium Bicarbonate ($NaHCO_3$) Commonly Known as Baking Soda A/U in KGs	
3.	AVN-SIGS-4908	BNC Connector	NOS	3	MFR: Canare Material : Copper + Aluminum Type : Solder Free Size : 13 mm Diameter	
4.	ASNE0608-02	BRACKET,CLAMP	NOS	11	MFR: Fixotec Pk Material : Nylon Dimensions : 12 x 22 mm	

5.	330A67-0522-169	CABLE ElecTRICAL	NOS	1	MFR: Wire Master USA 4 Core Cable Tin Plated Copper (Stranded Shielded) Gauge : 22 AWG Voltage : 110 - 220	
6.	AVN-SIGS-4894	Camera 5 MP HD Dome	NOS	2	Manufacturer : DAHUA Model : DH-HAC-T1AP15	
7.	DHS771-124-03	CIRCUIT BREAKER 1A	EA	1	MFR : CROUZET Mfr P.No : 84400048 Rating : 1 Amp Type : Push-Pull Poles : Single Pole	
8.	AVN-SIGS-4893	DC Power Pin	NOS	2	MFR: Switch Craft Inc DC Power Pin MALE Type : Solder Contacts Size : 2.1 x 5.5 mm	
9.	AVN-SIGS-4899	DC Power Supply Variable	NOS	1	MFR: Local Voltage : 6 to 36 VDC (Variable) Current : 3 Amp	

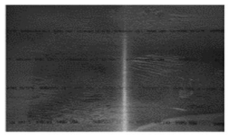
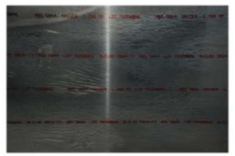
10.	3M*	ISOLATOR,MALE	NOS	1	MFR: Advance tech High Speed USB 2.0 Isolator Supports 480Mbps,12Mbps,1.5Mbps Safety device to protect SSD harddisk against voltage/ current fluctuations	
11.	AVN-503-T-3907	DRILL BIT 3/32"	NOS	2	MFR: TITAN Material : Tungsten Carbide Size : 3/32" Used For : Sheet Metal	
12.	AVN-5032-113	DRILL BIT 5/32"	NOS	1	MFR: TITAN Material : Tungsten Carbide Size : 5/32" Used For : Sheet Metal	
13.	AVN-5032-112	DRILL BIT 1/8"	PKT	1	MFR: TITAN Material : Tungsten Carbide Size : 1/8" Used For : Sheet Metal	
14.	AVN-Tool-44159	DRILL BIT 5 MM	DOZ	1	MFR: TITAN Material : Tungsten Carbide Size : 5 MM Used For : Sheet Metal	
15.	AVN-SIGS-4902	LAN Jointer Cu	NOS	1	MFR : U Green RJ45 Coupler for CAT-6 Cable	
16.	HGB953046	BTY CELL 3.7V	NOS	2	MFR: MAXELL Lithium Cell 3V Model : CR1220 Current: 35 mah	

17.	AVN-503490	PARACHUTE BLACK FIRE PROOF	MTR	4	MFR: Sikor- Tex China Fire Retardant Fabric High Temp Resistant 60degree Celsius	
18.	209-030-216-71	RUBBER STRIP	NOS	2	MFR: Howmet Aerospace Material : Rubber Width : 1.5 mm Thickness : 2 mm A/U in Meter	
19.	AVN-EXP-4913	SHRINKABLE SLEEVE 2MM	NOS	2	MFR: Tyco Electronics Material: Rubber Size : 2 mm Diameter Voltage Rating : 600 V Temp Rating : -40 º C to 125 º C	
20.	AVN-EXP-4915	SHRINKABLE SLEEVE 10MM	NOS	1	MFR: Tyco Electronics Material: Rubber Size : 10 mm Diameter Voltage Rating : 600 V Temp Rating : -40 º C to 125 º C	
21.	NVG-17-SS15MM	SHRINKABLE SLEEVE 15MM	MTR	1	MFR: Tyco Electronics Material: Rubber Size : 15 mm Diameter Voltage Rating : 600 V Temp Rating : -40 º C to 125 º C	
22.	AVN-SIGS-4909	Terminal Strip 6 pt DC	NOS	1	MFR: RS Group Terminal Block Ratings : 600 V, 25 A Poles : 6 Poles (Dual Row) Size (L x W x H) : 70 x 20 x 15	

23.	M39029/31-240	PIN CONNECT MALE	NOS	1	"MFR: Elecbee Required : Pair of Male & Female Model : ARS-9305-CBL (Female) No of pins: 5 Diameter : 17.86 mm Length : 40.49 mm Model : ARS-9305-CBL (Male) Diameter : 16.26 mm Length : 0.64 inch"	
24.	0000057014	CONNECTOR	NOS	1	Model : Y2M-7TK MAKE : HETSCS Pins Type : 7 Pin Solder Mounting Type: Cable Dimensions : 1 x 1 inchs Shell Size : 21 mm Operating Temp : -40 to 85 degrees Rated Current : 10 Amp Contact Material : Brass	
25.	Y2-24ZJ	24 PIN CONNECTOR SOCKET	NOS	1	Model : Y28M-24TK MAKE : Elecbee Pins Type : 24 Pin Solder Mounting Type: Cable Dimensions : 9.84 x 7.87 x 3.94 inchs Rated Current : 10 Amp Contact Material : Brass	
26.	AVN-SIGS-4892	XVR 4.0 DAHUA 265x125x50 MM	NOS	1	4 CH DVR MFR : DAHUA Dimensions (LxWxH) : 265 x 125 x 50 mm Modified Input/Output Connectors 7 Pin 24 Pin	

					5 Pin LAN & HDMI	
27.	D436-36	SPLICE RED	NOS	4	MFR: Tyco Electronics Color Code : Red Size : for 14 - 16 AWG wire / 1.5 - 2.5 mm	
28.	AVN-SIGS-4900	Thimble Power Supply	NOS	6	MFR: Tyco Electronics Material: Copper Insulation: PVC Insulated For 12 VDC Size : for 22 to 18 AWG wire / 0.5 - 1.0 mm	
29.	DHS711-713.13	LUG, TERMINAL	NOS	20	MFR: Te Connectivity Material: Copper, tin coated PVC Insulated Conductor Size : 22 - 18 AWG / 0.5 - 1.0 mm Hole Size : M4	
30.	DHS711-713-25	LEG TERMINAL	EA	3	Material: Copper, tin coated PVC Insulated Conductor Size : 14 - 16 AWG / 1.2 - 2.5 mm Hole Size : M5	
31.	AVN-EXP-4910	NYLON STRAP KSS 4? CV-150	NOS	1	MFR: KSS Material : NYLON Length : 4" Operating Temp : -40 degrees to 85 degrees Packing : 100 Pcs	
32.	AVN-EXP-4911	NYLON STRAP KSS 8? CV-350	NOS	1	MFR: KSS Material : NYLON Length : 8" Operating Temp : -40 degrees to 85 degrees Packing : 100 Pcs	

33.	AVN-EXP-4912	NYLON STRAP KSS 12? CV-450	NOS	1	MFR: KSS Material : NYLON Length : 12" Operating Temp : -40 degrees to 85 degrees Packing : 100 Pcs	
34.	AVN-SIGS-4895	AVCVR Panel Ind It	NOS	1	MFR: LOCAL Material : Aluminum Size (L x W) : 75 x 45 mm Thickness : 1.2 mm POWER IND and SSD FAILURE holes : 10 mm Dia 2x Screw Hole : 4 mm Dia	
35.	DHS713-511.02	SLEEVE SELFSOLDRING	NOS	2	MFR: Tyco Electronics Size : for 22 to 18 AWG wire / 0.5 - 1.0 mm Length : 40 mm Dia : 2.7 mm	
36.	DHS713-511.03	SLEEVE SELF SOLDERING	NOS	8	MFR: Tyco Electronics Size : for 16 - 14 AWG wire / 1.5 - 2.5 mm Length : 40 mm Dia : 4.5 mm	
37.	CM-1BM	LIGHT	NOS	1	MFR: RS PRO Color : Green Light LED Voltage : 12 VDC LED Current : 0.02 Amp to 20 mAmp Connector Type : JST-2 Pin Male	
38.	85100R8	CONNECTOR	NOS	2	MFR: Tyco Electronics Type : JST-2Pin Female Voltage : 24 VDC	

39.	6161909-000	SOLDERING WIRE	GM	1	MFR: DECENT Tin/Lead Composition : 60/40 Thickness : 0.8 mm Weight : 50 Grams per piece	
40.	TI-75A AMS 4901L	Titinum Allow Sheet Metal	NOS	1	MFR: KAISER ALLUMINIUM USA Titanum Alloy Sheet Thickness : 0.8 mm Size : 4 x 8 Feet	
41.	ASNA3012-8600	ALUMINIUM SHEET	NOS	1	MFR: KAISER ALLUMINIUM USA Material : Aluminum Markintg Code : ALCLAD 2024-T3 Thickness : 1.2mm Size : 4 x 8 Feet	
42.	22271BC040014L	SCREW	NOS	6	MFR: CHERRY AEROSPACE Universal Head Material : Stainless Steel Alloy Size : 4mm Length : 14mm	
43.	22271BC050014L	SCREW	NOS	11	MFR: CHERRY AEROSPACE Universal Head Material : Stainless Steel Alloy Size : 5mm Length : 14mm	
44.	52350FBD050N	NUT,ANCHOR	NOS	11	MFR: Howmet Aerospace Material: Metallic Type : Moveable Center hole size : 5mm	

45.	52351CBD040N	NUT ANCHOR	NOS	6	MFR: Howmet Aerospace Material: Metallic Type : Moveable Center hole size : 4mm	
46.	23111AG040LE	WASHER	NOS	6	MFR: CHERRY AEROSPACE Material : Stainless Steel Size : 4mm	
47.	23111AG050LE	WASHER FLAT	NOS	11	MFR: CHERRY AEROSPACE Material : Stainless Steel Size : 5mm	
48.	21215TB3215 RIVET B42/4	STEEL RIVET SPECIAL	NOS	40	MFR: CHERRY AEROSPACE Material : Steel Type : Round Head Head Thickness : 2.4 mm Length : 8 mm	
49.	M9513G	GRINDER	NOS	1	MFR: TITAN Material : Tungsten Carbide Shape : Ball Nose Head Dia = 14 mm Head Length = 25 mm	
50.	2510ZO3505885	BEADING RUBBER	NOS	2	MFR: WARCO Rubber edge trim U-Shaped Material : Flexible Synthetic Rubber For 1 mm to 1.5mm Sheet	
51.	UG291BU	CONNECTOR	NOS	1	USB 2.0 Type : Female Connector Material : Tin plated steel Shell Material : Black Plastic	

52.	ATG-0067	CUTTER BLADE	NOS	1	MFR: TITAN Material : Solid Tungsten Tungsten Carbide Size : 4"	
53.	GP-AVN-00200	FIXTURE	EA	1	Material : Polymer Plastic Size L x W x H : 100 x 133 x 13	
54.	AVN-EXP-4920	GMSA COMPOUND	NOS	1	GMSA Glue (Rapid Bounding) Size : 20 gm	
55.	GP-SIGTA-01785	HARDWARE KIT	NOS	1	Material : HSS 2 x Counter sunk M4 x 20 mm Nut & Screw 2 x Counter sunk M3 x 15 mm Nut & Screw 2 x Round Head M3 x 15 mm Nut & Screw 2 x Counter Sunk M2 x 10 mm Screw & Nut	
56.	AVN-EXP-4921	INTERFACE TAGS	NOS	1	Electronic Equipment Label Sticker Sheet Material : Polyethylene	
57.	3958113	MACHINIST TAP & DIE SET	NOS	3	MFR: TITAN 3 Pcs Tap Set Material : Tungstin Carbide Size : 3mm, 4mm & 5mm 3pcs Set	

58.	AVN-503568	SOLUTION NT-80	LTR	1	Material : Polychloroprene Packing : 600 gm Use for upholstery	
59.	AED600U31-CBK	SSD ADATA CASING	NOS	1	MFR: Kingston/Samsung/ Hikvision M2NGFF SSD Casing Material : Alluminum Alloy Transfer Rate : 5 Gbps SSD supporting sizes : 2230, 2242, 2260 & 2280	
60.	Y2/5810/ADVANCED_100-D316	SSD-99000	NOS	1	MFR: Kingston/Samsung/ Hikvision M2NGFF SSD Storage : 128 GB	
61.	C33-5026	VARIABLE RESISTOR	NOS	1	MFR: Vishay Electronic Code : 503 or 50KA Material : Melt Resistant Thermoplastic Terminals : Tin Plated Copper / Brass	
62.	5355-01-080-0567	KNOB	NOS	**1**	**Rehostate** MFR: Ohmite Material: Ceramic Terminal: 3 Solder luds Power: 2 Watt 15K ohms	
63.	PFP-27-450-1	LIGHT	NOS	1	MFR: RS PRO Color : Amber light LED Voltage : 12 VDC LED Current : 0.02 Amp to 20 mAmp Connector Type : JST-2 Pin Male	

64.	AVN-EXP-4914	Shrinkable Sleeve 5 mm	Nos	2	Shrinkable sleeve size 5mm	
65.	AVN-5031011	AVIATION FELT 2MM	Sht	2	40’ x 40’	
66.	NVG-17-SP	Soldering Paste 50/150 gm	Pkt	1	DEXLE company (Neutral PH7±0.3) Sample to be provided by firm for acceptance. Sample can be checked from 503 Workshop before quoting	
67.	WA30Q4BF	Cutter Disk	Nos	1	Material: High Speed Steel (HSS) Size: 35 mm Dia Thickness: 0.8 mm	

68.	AVN-NIV-G-47	Glint 500 ml	Bottle	1	Glint Glass cleaner 500 ml bottle	
69.	7510-226-6712	Masking Tape 2”	Rol	1	50 Yards length in each roll	

Anx H

Ser	Part No	Nomen	A/U	Mil/ Tech Spec	Photo
1.	AVN-TOOL-4701	Borescope, B087Q55SQX 1080 Dual - lense Endoscope	Nos	• Model: Industrial Endoscope • IPS Handheld Digital Endoscope • Input DC5V=500mA • Dia 4MM with measurement tip 360 degree rotating probs • Made in china	
2.	M8/F4074-YS	Fuel tank shaking equipment	Nos	• Origin: China (Chengdu 2701 Factory China) • Shaking Stroke: 30 mm • Reciprocal Frequency: 35-45 times/Min	Operation & Maintenance Manual MI-17 helicopters