# Relocation of AW139 9M-PMC to Kota Kinabalu Coordination

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|  | Item | Responsibility | Details | Remarks |
| 1 | Aircraft | AMO, CAMO | 9M-PMC selected by PGU | * To be transferred by ferry flight * To clear all maintenance to provide minimum 100 FH before Base CX * Reconfigure for ferry flight |
|  |  |  |  |  |
| 2 | Mission Equipment | AMO | Refer Appendix A | To be transferred onboard 9M-PMC and PGU King Air |
|  |  |  |  |  |
| 3 | Ferry Flight | Commercial | Itenerary | * Coordination for fuel, passage, accommodation, etc * 6 crews + 1 GAM onboard |
|  |  |  | 2/1/2019 | Subang - Senai |
|  |  |  | 3/1/2019 | Senai - Pangkal Pinang - Pontianak |
|  |  |  | 4/1/2019 | Pontianak - Kuching |
|  |  |  | 5/1/2019 | Kuching - K. Kinabalu |
|  |  |  | 6/1/2019 | K. Kinabalu - KLIA (Commercial flight) |
|  |  |  |  |  |
| 4 | KK as Line / Base Maintenance | QA, AMO, Safety | MOC, AMO location | * Survey, audit, application * To establish AW139 Line Maintenance by 1 Jan 2019 * To establish AW139 Base Maintenance by 14 Feb 2019 |
|  |  |  |  |  |
| 5 | Manpower | HR | Proposed | 1x LAE B1 Permanent (Harry)  1x LAE B2 Permanent  2x A3 Technician\*  2x Av Technician\*  1x LAE B1 + 1x LAE B2 supporting as required from SBZ  \*Technician cum planner/technical record/logistic |
|  |  |  | Interim | 1x LAE B1 Permanent (Harry)  2x LAE B2 back-to-back from SBZ  1x LAE B1 back-to-back from SBZ  2x Technician back-to-back from SBZ |
|  |  |  | Harry relocation | * Transfer letter to KK * Flight ticket * Car shipping to KK * EIC KK petty cash RM5000 |
|  |  |  |  |  |
| 6 | Materials | AMO, Logistic | To be allocated / purchased | * Basic hand tools (refer Appendix B) * Special tools (refer Appendix C) * Ground support equipment (refer Appendix C) * Consumables (refer Appendix D) |

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| **APPENDIX A : AIRCRAFT EQUIPMENT TO TRANSFER TO KK** | | | | |
|  |  |  |  |  |
| No |  | Description | Qty | Remarks |
| 1 |  | Normal Seat | 2 | Transport by King Air |
| 2 |  | Comfort Seat | 1 set | Transport by King Air |
| 3 |  | Troop Seat | 10 | Transport by King Air |
| 4 |  | Stretcher | 4 | Transport by King Air |
| 5 |  | Underslung | 1 | Transport by King Air |
| 6 |  | Fast Roping | 1 set | Transport by King Air |
| 7 |  | Bonedome + NVG | 4 | Transport by King Air |
| 8 |  | NVG Toolkit | 1 | Transport by King Air |
| 9 |  | Float | 1 set | Installed on aircraft |
| 10 |  | Safety Harness | 2 | Onboard of aircraft |
| 11 |  | External Battery | 1 set | Onboard of aircraft |
| 12 |  | Towbar | 1 | Onboard of aircraft |
| 13 |  | Liferaft | 1 | Onboard of aircraft |
| 14 |  | Chiller Box | 1 | Onboard of aircraft |
| 15 |  | Headset | 6 | Onboard of aircraft |
| 16 |  | Cargo Net | 1 | Onboard of aircraft |
| 17 |  | Crew Lifevest | 4 | Onboard of aircraft |
| 18 |  | Pax Lifevest | 10 | Onboard of aircraft |

- 9M-PMC will be configured to 2-4-4 seat for ferry flight as per PGU request.

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| **APPENDIX B : PROPOSED PGU KK BASIC TOOL SET** | | | | |  |  |
|  |  |  |  |  |  |  |
| **Category** | **Item** | **Make** | **P/N** | **Size** | **Description** | **Qty** |
| Storage | 1 | Proto |  |  | Tool Trolley, 7 drawers | 1 |
|  | 2 | Proto |  | Small | Tool Box (Flyaway) | 1 |
|  |  |  |  |  |  |  |
| Wrenches | 3 | Proto | J1208SPL | 1/4" | SAE Combination Wrench | 1 |
|  | 4 | Proto | J1210SPL | 5/16" | SAE Combination Wrench | 1 |
|  | 5 | Proto | J1211SPL | 11/32" | SAE Combination Wrench | 1 |
|  | 6 | Proto | J1212ASPL | 3/8" | SAE Combination Wrench | 1 |
|  | 7 | Proto | J1200GASD | 7/16"-1" | SAE Combination Wrench Set 10 pc | 1 |
|  | 8 | Proto | J1234ASD | 1 1/16" | SAE Combination Wrench | 1 |
|  | 9 | Proto | J1190A | 1/4"-7/8" | SAE Double Box 12pt Ratchet Wrench SET 5 pc | 1 |
|  | 10 | Proto | J3300A | 7/32"- 1/2" | SAE Short Angle Open End Wrench SET 9 pc | 1 |
|  | 11 | Proto | J3000N | 3/8"-3/4" | SAE Open End Wrench Set 5 pc | 1 |
|  | 12 | Proto | J3040 | 13/16" x 7/8" | SAE Open End Wrench | 1 |
|  | 13 | Proto | J3045 | 15/16" x 1" | SAE Open End Wrench | 1 |
|  | 14 | Proto | J3051 | 1 1/16" x 1 1/4" | SAE Open End Wrench | 1 |
|  |  |  |  |  |  |  |
| Handles | 15 | Proto | J4752F | - | 1/4 Dr. Ratchet Handle | 2 |
|  | 16 | Proto | J4785 | - | 1/4 Dr. Sliding Tee | 1 |
|  | 17 | Proto | J4770A | - | 1/4 Dr. Universal Joint | 1 |
|  | 18 | Proto | J5256 | - | 1/4 Dr. Coupler 1/4 to 3/8 | 1 |
|  | 19 | Proto | J6925 | - | 1/4 Dr. 1/4" Bit Holder | 1 |
|  | 20 | Proto | J4764W | 4" | 1/4 Dr. Wobble Extension | 2 |
|  | 21 | Proto | J4760 | 3" | 1/4 Dr. Extension | 2 |
|  | 22 | Proto | J4761 | 6" | 1/4 Dr. Extension | 1 |
|  | 23 | Proto | J4762 | 10" | 1/4 Dr. Extension | 1 |
|  | 24 | Proto | J5252F | - | 3/8 Dr. Ratchet Handle | 1 |
|  | 25 | Proto | J5265 | - | 3/8 Dr. Hinged Handle | 1 |
|  | 26 | Proto | J5285 | - | 3/8 Dr. Sliding Tee | 1 |
|  | 27 | Proto | J5260W | 3" | 3/8 Dr. Extension Wobble | 1 |
|  | 28 | Proto | J5260 | 3" | 3/8 Dr. Extension | 1 |
|  | 29 | Proto | J5260-06 | 6" | 3/8 Dr. Extension | 1 |
|  | 30 | Proto | J5262 | 12" | 3/8 Dr. Extension | 1 |
|  | 31 | Proto | J5270A | - | 3/8 Dr. Universal Joint | 1 |
|  | 32 | Proto | J5255 | - | 3/8 Dr. Coupler 3/8 to 1/4 | 1 |
|  | 33 | Proto | J5253 | - | 3/8 Dr. Coupler 3/8 to 1/2 | 1 |
|  | 34 | Proto | J6931 | - | 3/8 Dr. 1/4" Bit Holder | 1 |
|  | 35 | Proto | J5280G | - | 3/8 Dr. Speed Handle | 1 |
|  | 36 | Proto | J5469 | 24" | 1/2 Dr. Hinge Handle | 1 |
|  | 37 | Proto | J5452F | - | 1/2 Dr. Ratchet Handle | 1 |
|  | 38 | Proto | J5254 | - | 1/2 Dr. Coupler 1/2 to 3/8 | 1 |
|  | 39 | Proto | J5653 | - | 1/2 Dr. Coupler 1/2 to 3/4 | 1 |
|  | 40 | Proto | J5460 | 2.5" | 1/2 Dr. Extension | 1 |
|  | 41 | Proto | J5461 | 5" | 1/2 Dr. Extension | 1 |
|  |  |  |  |  |  |  |
| Sockets | 42 | Proto | J47104 | 10 pc | 1/4 Dr. 12pt. SAE Socket set | 1 |
|  | 43 | Proto | J47100 | 10 pc | 1/4 Dr. 12pt. SAE Deep Socket Set | 1 |
|  | 44 | Proto | J47105 | 5 pc | 1/4 Dr. 12pt. SAE Universal Socket Set | 1 |
|  | 45 | Proto | J5212 | 3/8" | 3/8 Dr. 12pt. Inch Socket | 1 |
|  | 46 | Proto | J5214 | 7/16" | 3/8 Dr. 12pt. Inch Socket | 1 |
|  | 47 | Proto | J5216 | 1/2" | 3/8 Dr. 12pt. Inch Socket | 1 |
|  | 48 | Proto | J5218 | 9/16" | 3/8 Dr. 12pt. Inch Socket | 1 |
|  | 49 | Proto | J5220 | 5/8" | 3/8 Dr. 12pt. Inch Socket | 1 |
|  | 50 | Proto | J5222 | 11/16" | 3/8 Dr. 12pt. Inch Socket | 1 |
|  | 51 | Proto | J5224 | 3/4" | 3/8 Dr. 12pt. Inch Socket | 1 |
|  | 52 | Proto | J5226 | 13/16" | 3/8 Dr. 12pt. Inch Socket | 1 |
|  | 53 | Proto | J5228 | 7/8" | 3/8 Dr. 12pt. Inch Socket | 1 |
|  | 54 | Proto | J5230 | 15/16" | 3/8 Dr. 12pt. Inch Socket | 1 |
|  | 55 | Proto | J5232 | 1" | 3/8 Dr. 12pt. Inch Socket | 1 |
|  | 56 | Proto |  | 1 1/16" | 3/8 Dr. 12pt. Inch Socket | 1 |
|  | 57 | Proto | J5012 | 3/8" | 3/8 Dr. 12pt. Inch Deep Socket | 1 |
|  | 58 | Proto | J5014 | 7/16" | 3/8 Dr. 12pt. Inch Deep Socket | 1 |
|  | 59 | Proto | J5016 | 1/2" | 3/8 Dr. 12pt. Inch Deep Socket | 1 |
|  | 60 | Proto | J5018 | 9/16" | 3/8 Dr. 12pt. Inch Deep Socket | 1 |
|  | 61 | Proto | J5020 | 5/8" | 3/8 Dr. 12pt. Inch Deep Socket | 1 |
|  | 62 | Proto | J5022 | 11/16" | 3/8 Dr. 12pt. Inch Deep Socket | 1 |
|  | 63 | Proto | J5024 | 3/4" | 3/8 Dr. 12pt. Inch Deep Socket | 1 |
|  | 64 | Proto | J5026 | 13/16" | 3/8 Dr. 12pt. Inch Deep Socket | 1 |
|  | 65 | Proto | J5028 | 7/8" | 3/8 Dr. 12pt. Inch Deep Socket | 1 |
|  | 66 | Proto | J5030 | 15/16" | 3/8 Dr. 12pt. Inch Deep Socket | 1 |
|  | 67 | Proto | J5032 | 1" | 3/8 Dr. 12pt. Inch Deep Socket | 1 |
|  | 68 | Proto | J4924CF | 3/4" | 3/8 Dr. SAE Open Crowfoot | 1 |
|  | 69 | Proto | J4934CF | 1 1/16" | 3/8 Dr. SAE Open Crowfoot | 1 |
|  | 70 | Proto | J4942CF | 1 5/16" | 3/8 Dr. SAE Open Crowfoot | 1 |
|  | 71 | Proto | J4944CF | 1 3/8" | 3/8 Dr. SAE Open Crowfoot | 1 |
|  | 72 | Proto | J4948CF | 1 1/2" | 3/8 Dr. SAE Open Crowfoot | 1 |
|  | 73 | Proto | J5424 | 3/4" | 1/2 Dr. 12pt. Inch Socket | 1 |
|  | 74 | Proto | J5432 | 1" | 1/2 Dr. 12pt. Inch Socket | 1 |
|  | 75 | Proto | J5436 | 1 1/8" | 1/2 Dr. 12pt. Inch Socket | 1 |
|  | 76 | Proto | J5440 | 1 1/4" | 1/2 Dr. 12pt. Inch Socket | 1 |
|  | 77 | Proto | J5556 | 1 3/4" | 3/4 Dr. 12pt. Inch Socket | 1 |
|  | 78 | Proto | J5564 | 2" | 3/4 Dr. 12pt. Inch Socket | 1 |
|  |  |  |  |  |  |  |
| Driver | 79 | Proto | J4995 | 13 pc | SAE Hex Key Set | 1 |
|  | 80 | Proto | J9320 | - | Ratcheting Screw Driver | 2 |
|  | 81 | Kennedy | KEN-573-9050K | - | Offset Ratcheting Screw Driver | 2 |
|  | 82 | Proto | J61906 | 38 pc | 1/4" Bit Set | 1 |
|  | 83 | Proto | J1206SCP | 6 pc | Screw Driver Set | 1 |
|  |  |  |  |  |  |  |
|  | 84 | Proto | J1324PGD |  | Hammer | 1 |
|  | 85 | Proto | JSF150HM |  | Plastic Tip Mallet | 1 |
|  | 86 | Proto | J86038 |  | Chisel | 1 |
|  | 87 | Proto | J48007 |  | Pin Punch Set | 1 |
|  | 88 | Proto | J411 |  | Precision Center Punch | 1 |
|  | 89 | Proto | J000AA |  | SAE Feeler Gauges | 1 |
|  | 90 | Kennedy | KEN-030-9760K |  | File Set | 1 |
|  | 91 | Kennedy | KEN-031-5980K |  | Needle File Set | 1 |
|  | 92 | Kennedy | KEN-518-4820K |  | Flexible Claw Pick Up Tool | 1 |
|  | 93 | Kennedy | KEN-553-0140K |  | Magnetic Pick Up Tool | 1 |
|  | 94 | Kennedy | KEN-518-2900K |  | Hook and Awl Set | 1 |
|  |  |  |  |  |  |  |
| **Category** | **Item** | **Make** | **P/N** | **Size** | **Description** | **Qty** |
|  | 95 | Kennedy | KEN-536-1880K |  | Locking Tape Rule 8m | 1 |
|  | 96 | Kennedy | KEN-518-5380K |  | Inspection Mirror | 1 |
|  | 97 | Kennedy | KEN-518-3010K |  | 6" Ruler | 1 |
|  | 98 | Kennedy | KEN-518-3210K |  | 12" Ruler | 1 |
|  |  |  |  |  |  |  |
| Plier | 99 | Proto | J196 |  | Wire Twister Plier Reversible | 1 |
|  | 100 | Proto | J253G |  | Soft Jaw Cannon Plug Plier | 1 |
|  | 101 | Proto | J241G |  | Bent Needle Nose Long Reach Plier | 1 |
|  | 102 | Proto | J223G |  | Precision Needle Nose Plier | 1 |
|  | 103 | Proto | J210AHG |  | Large Diagonal Cutter Plier | 1 |
|  | 104 | Proto | J285BSG |  | Diagonal Cutter Plier | 1 |
|  | 105 | Proto | J360C | 4 pc | Convertible Retaining Ring Plier Set | 1 |
|  | 106 | Proto | J291NC |  | Locking Plier Medium | 1 |
|  | 107 | Proto | J286NC |  | Locking Plier Long Nose | 1 |

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| **APPENDIX C : Special Tool and Ground Support Equipment Requirement** | | | | |
|  |  |  |  |  |
| Avionic Requirement | |  |  |  |
| No | Part Number | Description | Qty | Remarks |
| 1 | PS100 | Powervamp 28VDC Ground Power Supply | 1 |  |
| 2 |  | Portable Extenal Power Supply | 1 set | Available @PGU |
| 3 | LANTAP-10 | ICS Aero - Lantap | 1 |  |
| 4 | Fluke 87-5 | Multimeter RMS | 1 |  |
| 5 | 951-0386-002 | EGPWS Kit | 1 | Available @PGU |
| 6 | - | HUMS Download - USB to PCCARD reader | 1 |  |
| 7 | NI8473 & 192017A-02 | AVCS Kit | 1 | Available @PGU |
| 8 | PWC71445 | DPHM Kit | 1 |  |
| 9 | - | A/C Grounding Kit | 1 |  |
| 10 |  | Aircraft Maintenance CD | 1 set | Available @PGU/make copies |
|  |  |  |  |  |
| Mechanical/GSE/site office requirement | | |  |  |
| No | Part Number | Description | Qty | Remarks |
| 1 |  | Engine Compressor Washer | 1 |  |
| 2 |  | Grease Gun | 2 |  |
| 3 |  | Hydraulic Service Unit | 1 |  |
| 4 |  | Maintenance Platform | 3 | Sourced onsite |
| 5 |  | Air Comporessor | 1 | Sourced onsite |
| 6 |  | Nitrogen Bottle | 1 | Sourced onsite |
| 7 |  | Nitrogen Pressure Regulator 1000 psi | 1 |  |
| 8 |  | Tire Charging Kit 500 psi | 1 |  |
| 9 |  | Shelf/Rack | 2 | Sourced onsite |
| 10 |  | Cabinet | 2 | Sourced onsite |
| 11 |  | Firex | 1 | Sourced onsite |
| 12 |  | First Aid Kit | 1 | Sourced onsite |
| 13 |  | Laptop | 2 | Sourced onsite |
| 14 |  | Printer | 1 | Sourced onsite |
| 15 |  | Internet | 1 | Sourced onsite |

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| **APPENDIX D : CONSUMABLE TO ORDER** | | |  |  |  |
|  |  |  |  |  |  |
| No. | Decription | Product | Quantity | Unit | Remarks |
| 1 | Acetone | General |  |  |  |
| 2 | Toulene | General | 2 | 5 liter can |  |
| 3 | White Spirit | General |  |  |  |
| 4 | Methyl Ethyl Ketone (M.E.K) | General | 1 | 5 liter can |  |
| 5 | Aircraft cleaner | Ardrox 6025 | 2 | 25L barrel |  |
| 6 | Lubricants | LPS 1 | 3 | 11 oz can |  |
| 7 | Lubricants, penetrant | LPS 2 | 3 | 11 oz can |  |
| 8 | Lubricants, rust inhibitor | LPS 3 | 3 | 11 oz can |  |
| 9 | Contact Cleaner | LPS Contact Cleaner | 3 | 11 oz can |  |
| 10 | Heavy Duty Degreaser | Ardrox 5503 | 1 | 25L barrel |  |
| 11 | Hoist Lubricant | Mobile Jet 2 | 2 | 1 quart |  |
| 12 | Hydraulic Fluid | Hydraunycoil HF2 | 3 | 1 gallon |  |
| Aeroshell Fluid 31 | 2 | 1 gallon |  |
| 13 | Grease | Mobile 28 | 1 |  |  |
| 14 | Aeroshell Grease 7 | 1 |  |  |
| 15 | Aeroshell Grease 22 | 1 |  |  |
| 16 | Aeroshell Grease 33MS | 1 |  |  |
| 17 | Lubriplate 130-AA | 1 | can |  |
| 18 | Corrosion Inhibitor | MIL-C-16173D Grade 2 | 1 |  |  |
| 19 | Sealing compound | AMS-S-8802 type II class B-2. | 2 |  |  |
| 20 | Antiseize compound | Bostik Findley MIL-A-907 | 1 |  |  |
| 21 | Antiseize compound | Moly-50 | 1 |  |  |
| 22 | Antiseize compound | Loctite 8009 | 1 |  |  |
| 23 | Adhesive | Loctite 638 | 1 |  |  |
| 24 | Windows Cleaner | Prist | 2 | can |  |
| 25 | Compressor wash chemical | Turco 5884 / B&B 3100 / Adrox 6345 | 1 | 5 gallon |  |
| 26 | Hand Cleaner | General | 1 | bottle |  |
| 27 |  |  |  |  |  |
| 28 |  |  |  |  |  |
| 29 |  |  |  |  |  |
| 30 |  |  |  |  |  |