



I BRIGADA AÉREA
Departamento Administrativo y Financiero
Jefatura

Base Aérea Silvio Pettirossi, 28 abril de 2025

SEÑORES
HELIPARK TAXI AEREO E MANUTENÇÃO AERONAUTICA LTDA.

PRESENTE:

Tengo el agrado de dirigirme a Ustedes con el objeto de solicitar cotizaciones de bienes y/o servicios, los cuales serán utilizados en el marco del proceso de Licitación Pública Nacional para la Adquisición del Servicio de Mantenimiento y Reparación de Aeronaves BELL 407 GXI, correspondiente al Ejercicio Fiscal 2025.

Se adjunta planilla de necesidades.

Esperando una respuesta favorable le saludo atentamente.



MARIA PERALTA ALVARENGA
TTE 1º AVC – JEFA DE ADQUISICIONES



I BRIGADA AÉREA

"CONTRATACIÓN DE SERVICIO DE MANTENIMIENTO Y REPARACIÓN DE AERONAVE BELL 407 Gxi"

LISTA DE NECESIDADES

SERVICIO DE MANTENIMIENTO Y REPARACIÓN DE AERONAVE BELL 407 Gxi

GRUPO 1 - INSPECCIONES PROGRAMADAS

| ITEM | DESCRIPCION DEL BIEN | UNIDAD DE MEDIDA | PRESENTACIÓN | CONTRATO ABIERTO | CANTIDAD | PRECIO UNITARIO |
|------|--|------------------|--------------|------------------|----------|-----------------|
| 1 | <p>INSPECCIÓN PROGRESIVA - EVENTO N.º 1 / INSP. 50 HS PLACARDS AND MARKINGS EXAMINE THE PLACARDS, DECALS, AND MARKINGS. MAKE SURE YOU CAN READ THEM. THEY ARE APPLIED CORRECTLY, AND THEY ARE IN AGREEMENT WITH THE APPLICABLE CONFIGURATION OF YOUR HELICOPTER. MAIN ROTOR SYSTEM - 1. EXAMINE THE MAIN ROTOR SYSTEM FOR CONDITION AND SECURITY. EXAMINE THE COMPONENTS AS FOLLOWS TAIL ROTOR ASSEMBLY - 1. DO A TORQUE CHECK OF THE TAIL ROTOR ASSEMBLY MAST NUT (560 TO 580 INCH-POUNDS (64 TO 65 NM)). TAIL ROTOR ASSEMBLY - EXAMINE THE TAIL ROTOR ASSEMBLY FOR GENERAL CONDITION AND SECURITY DIRECTIONAL CONTROLS - 1. DO A TORQUE CHECK OF THE BOLTS (60 TO 80 INCH-POUNDS (6.7 TO 9 NM)) THAT ATTACH THE TAIL ROTOR PITCH LINK ASSEMBLIES TO THE TAIL ROTOR PITCH HORNS.</p> | UNIDAD | EVENTO | POR MONTO | 1 | |
| 2 | <p>INSPECCIÓN PROGRESIVA - EVENTO N.º 2 / INSP. 100 HS EXAMINE THE PLACARDS, DECALS, AND MARKINGS. MAKE SURE YOU CAN READ THEM. THEY ARE APPLIED CORRECTLY, AND THEY ARE IN AGREEMENT WITH THE APPLICABLE CONFIGURATION OF YOUR HELICOPTER. AIRFRAME - 1. EXAMINE THE FORWARD AND THE TRANSMISSION COWLINGS FOR CONDITION. 2. EXAMINE THE UPPER INLET COWLINGS FOR CONDITION. 3. EXAMINE THE ENGINE AIR INLET COWLING FOR CONDITION. EXAMINE THE COMPONENTS AS FOLLOWS. CONTROLS - 1. EXAMINE ALL OF THE CONTROL TUBES, BELLCRANKS, AND THE SUPPORTS FOR CONDITION, SECURITY, AND CORRECT OPERATION. SWASHPLATE ASSEMBLY - 1. EXAMINE THE SWASHPLATE AND SUPPORT FOR CONDITION AND SECURITY. HYDRAULIC - 1. EXAMINE THE HYDRAULIC SYSTEM FOR CONDITION, LEAKS AND SECURITY. EXAMINE THE COMPONENTS TRANSMISSION AND PYLON ASSEMBLY - 1. EXAMINE THE PYLON ASSEMBLY FOR CONDITION AND SECURITY. EXAMINE THE COMPONENTS</p> | UNIDAD | EVENTO | POR MONTO | 1 | |
| | <p>INSPECCIÓN PROGRESIVA - EVENTO N.º 3 / INSP. 150 HS EXAMINE THE PLACARDS, DECALS, AND MARKINGS. MAKE SURE THAT YOU CAN READ THEM. THEY ARE APPLIED CORRECTLY, AND THEY ARE IN AGREEMENT WITH THE APPLICABLE CONFIGURATION OF YOUR HELICOPTER. ENGINE - 1. EXAMINE THE ENGINE COWLING AND THE DOORS FOR CONDITION AND SECURITY. EXAMINE THE ENGINE FOR CONDITION, LEAKS, AND SECURITY. 3. EXAMINE THE FIREWALLS FOR CONDITION AND SECURITY. 4. EXAMINE THE ENGINE PAN DRAINS. MAKE SURE THAT THEY ARE NOT CLOGGED. RESTORE BROKEN OR MISSING SEALANT FROM ENGINE PAN. 5. EXAMINE THE ENGINE CONTROLS FOR CONDITION, CORRECT OPERATION, AND SECURITY. EXAMINE THE COMPONENTS AS FOLLOWS: ENGINE TO TRANSMISSION DRIVESHAFT - 1. EXAMINE THE ENGINE TO TRANSMISSION DRIVESHAFT FOR CONDITION AND SECURITY. EXAMINE THE COMPONENTS. ROTOR FORWARD SHORT SHAFT ASSEMBLY - 1. EXAMINE THE SHORT SHAFT FOR CONDITION AND SECURITY. 2. EXAMINE THE DISC PACK COUPLINGS 3. DO A TORQUE CHECK OF THE DISC PACK COUPLING ATTACHMENT HARDWARE (150 TO 180 INCH-POUNDS (17 TO 20 NM)). EXAMINE THE FLYWHEEL FOR CONDITION AND SECURITY (IF INSTALLED). FREEWHEEL ASSEMBLY 1. EXAMINE THE FREEWHEEL ASSEMBLY FOR CONDITION, LEAKS, AND SECURITY. 2. EXAMINE THE FREEWHEEL CHIP DETECTOR FOR METAL PARTICLES. EXAMINE THE ELECTRICAL CIRCUIT OF THE CHIP DETECTORS FOR CONTINUITY. ROTOR BRAKE DISC 1. EXAMINE THE ROTOR BRAKE DISC FOR CONDITION AND SECURITY. STARTER-GENERATOR (206-062-200) - 1. REMOVE AND EXAMINE THE STARTER-GENERATOR FOR CONDITION. EXAMINE THE COMPONENTS 2. EXAMINE THE DUCT AND THE CLAMP FOR CONDITION AND SECURITY. PITCH CHANGE CONTROL 1. EXAMINE THE TAIL ROTOR PITCH CONTROL MECHANISM FOR CONDITION AND SECURITY. EXAMINE THE COMPONENTS</p> | UNIDAD | EVENTO | POR MONTO | 1 | |
| 4 | <p>INSPECCIÓN PROGRESIVA - EVENTO N.º 4 / INSP. 200 EXAMINE THE PLACARDS, DECALS, AND MARKINGS. MAKE SURE YOU CAN READ THEM. THEY ARE APPLIED CORRECTLY, AND THEY ARE IN AGREEMENT WITH THE APPLICABLE CONFIGURATION OF YOUR HELICOPTER. AIRFRAME - 1. EXAMINE THE AFT FAIRING FOR CONDITION. 2. EXAMINE THE AFT TOP DECK FOR CONDITION, LEAKS AND SECURITY. OIL SYSTEM - 1. EXAMINE THE ENGINE/TRANSMISSION OIL COOLING SYSTEM FOR CONDITION, LEAKS, AND SECURITY. OIL SYSTEM - 2. EXAMINE THE COMPONENTS SHORT SHAFT ASSEMBLY - 1. EXAMINE THE SHORT SHAFT FOR CONDITION AND SECURITY. 2. EXAMINE THE DISC PACK COUPLINGS FOR CONDITION. 3. DO A TORQUE CHECK OF THE DISC PACK COUPLING ATTACHMENT HARDWARE (150 TO 180 INCH-POUNDS (17 TO 20 NM)). TAILBOOM STRUCTURE - 1. EXAMINE THE TAIL ROTOR DRIVESHAFT COVER AND THE GEARBOX COWLING FOR CONDITION AND SECURITY. 2. EXAMINE THE TAILBOOM ASSEMBLY FOR CONDITION AND SECURITY. TAIL ROTOR DRIVESHAFT 1. EXAMINE THE TAIL ROTOR DRIVESHAFT FOR CONDITION AND SECURITY. 2. EXAMINE THE DRIVESHAFT SEGMENT ASSEMBLIES FOR ANY NOTICEABLE ROTATIONAL OR AXIAL (FORE AND AFT) PLAY BETWEEN THE ADAPTER AND THE TAIL ROTOR DRIVESHAFT, AT ALL FOUR LOCATIONS TAIL ROTOR GEARBOX 1. DO A TORQUE CHECK OF THE TAIL ROTOR GEARBOX ATTACHMENT NUTS (140 TO 160 INCH-POUNDS (16 TO 18 NM)). 2. EXAMINE THE TAIL ROTOR GEARBOX FOR CONDITION, LEAKS, AND SECURITY. 3. EXAMINE THE CHIP DETECTOR OF THE TAIL ROTOR GEARBOX FOR METAL PARTICLES. 4. EXAMINE THE ELECTRICAL CIRCUIT OF THE CHIP DETECTOR FOR CONTINUITY. 5. EXAMINE TAIL ROTOR GEARBOX OUTPUT SHAFT AT CROSSHEAD SEAL SLIDING AREA FOR WEAR AND CORROSION. PITCH CHANGE CONTROL 1. EXAMINE THE TAIL ROTOR PITCH CONTROL MECHANISM FOR CONDITION AND SECURITY. EXAMINE THE COMPONENTS. ELECTRICAL 1. EXAMINE ALL VISIBLE ELECTRICAL COMPONENTS, WIRES, CABLES, AND CONNECTORS IN THE AREA OF THE TAILBOOM FOR CHAFING, AND GENERAL CONDITION AND SECURITY. 2. VERIFY NAVIGATION LIGHTS AND ANTI-COLLISION LIGHT FOR OPERATION, CONDITION, AND SECURITY. 3. EXAMINE ANTENNAS FOR CONDITION AND SECURITY. ELECTRICAL GROUND RUN 1. COMPLETE A GROUND RUN AT 100% NR TO CHECK FOR LEAKS AND CONFIRM SYSTEM OPERATION</p> | UNIDAD | EVENTO | POR MONTO | 1 | |
| 5 | <p>300 HOUR OR 12 MONTH INSPECTION FUEL SYSTEM - 1. EXAMINE THE AUXILIARY FUEL TANK INSTALLATION FOR CONDITION AND SECURITY.</p> | UNIDAD | EVENTO | POR MONTO | 1 | |



| GRUPO 4 - REPUESTOS PARA INSPECCIONES PROGRAMADAS DE LAS DIFERENTES SECCIONES | | | | | | |
|---|--|------------------|--------------|------------------|----------|-----------------|
| ITEM | DESCRIPCION DEL BIEN | UNIDAD DE MEDIDA | PRESENTACIÓN | CONTRATO ABIERTO | CANTIDAD | PRECIO UNITARIO |
| 1 | TORQUE SEAL F900 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 2 | ACEITE AEROSHELL 555 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 3 | ACEITE AEROSHELL 560 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 4 | HIDRAULIC FLUID F41 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 5 | COTTER PIN MS24665-155 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 6 | COTTER PIN MS24665-357 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 7 | PACKING AS3209-011 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 8 | PACKING AS3209-113 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 9 | PACKING AS3208-06 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 10 | PACKING AS3209-236 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 11 | PACKING AS3209-024 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 12 | ELEMENT 204-040-760-109 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 13 | PACKING AS3209-016 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 14 | RETAINER MS28774-211 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 15 | PACKING MS28775-211 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 16 | PACKING MS28775-011 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 17 | GRASA MOBIL 28 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 18 | PACKING MS28778-4 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 19 | PACKING MS29513-270 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 20 | SELLANTE PRC890B2 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 21 | PACKING MS29512-10 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 22 | PACKING MS29513-110 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 23 | PACKING MS29513-115 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 24 | PACKING AS3209-012 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 25 | PACKING AS3209-014 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 26 | PACKING AS3209-016 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 27 | PACKING AS3209-126 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 28 | PACKING AS3209-113 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 29 | PACKING AS3208-03 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 30 | ELEMENT LUBE FILTER M250-10386 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 31 | LUBE AFS SILTER OIL OILMAGNIFIC | UNIDAD | EVENTO | POR MONTO | 1 | |
| 32 | THIXOGREASE THIXOGREASE | UNIDAD | EVENTO | POR MONTO | 1 | |
| 33 | FILTER ELEMENT FUEL M250-10626 | UNIDAD | EVENTO | POR MONTO | 1 | |
| TOTAL GRUPO 4 | | | | | | |
| GRUPO 5 - COMPONENTE DE VIDA LIMITE MOTOR M250-C47B 2000 HRS / 3000 CICLOS | | | | | | |
| ITEM | DESCRIPCION DEL BIEN | UNIDAD DE MEDIDA | PRESENTACIÓN | CONTRATO ABIERTO | CANTIDAD | PRECIO UNITARIO |
| 1 | MANO DE OBRA POR INSPECCION DE 2000 HRS / 3000 CICLOS MOTOR | UNIDAD | EVENTO | POR MONTO | 1 | |
| 2 | REPUESTOS E INSUMOS POR INSPECCIÓN 2000 HS MOTOR / 3000 CICLOS | UNIDAD | EVENTO | POR MONTO | 1 | |
| TOTAL GRUPO 5 | | | | | | - |
| MONTO TOTAL | | | | | | - |



MARIA LARISSA PERALTA
Jefe de Adquisiciones

Carbonio

dafilba@fuerzaaerea.mil.py

From: DAF IBA <dafilba@fuerzaaerea.mil.py >

lun., abr. 28, 2025 02:00 PM

Subject:

To: helipark <helipark@helipark.net >

Adjuntos:

 helipark.mil.py

BUEN DIA, REMITO NOTA DE SOLICITUD DE PRESUPUESTO PARA LA REALIZACION DEL
LLAMADO DE MANTENIMIENTO DE LOS HELICOPTEROS BELL 407

correo.fuerzaaerea.mil.py



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LISTA DE NECESIDADES

SERVICIO DE MANTENIMIENTO Y REPARACIÓN DE AERONAVE BELL 407 Gxi

GRUPO 1 - INSPECCIONES PROGRAMADAS

| ITEM | DESCRIPCION DEL BIEN | UNIDAD DE MEDIDA | PRESENTACIÓN | CONTRATO ABIERTO | CANTIDAD | PRECIO UNITARIO |
|------|---|------------------|--------------|------------------|----------|-----------------|
| 1 | INSPECCIÓN PROGRESIVA - EVENTO N.º 1 / INSP. 50 HS PLACARDS AND MARKINGS EXAMINE THE PLACARDS, DECALS, AND MARKINGS. MAKE SURE YOU CAN READ THEM, THEY ARE APPLIED CORRECTLY, AND THEY ARE IN AGREEMENT WITH THE APPLICABLE CONFIGURATION OF YOUR HELICOPTER. MAIN ROTOR SYSTEM - 1. EXAMINE THE MAIN ROTOR SYSTEM FOR CONDITION AND SECURITY. EXAMINE THE COMPONENTS AS FOLLOWS TAIL ROTOR ASSEMBLY - 1. DO A TORQUE CHECK OF THE TAIL ROTOR ASSEMBLY MAST NUT (560 TO 580 INCH-POUNDS (64 TO 65 NM)) TAIL ROTOR ASSEMBLY - EXAMINE THE TAIL ROTOR ASSEMBLY FOR GENERAL CONDITION AND SECURITY DIRECTIONAL CONTROLS - 1. DO A TORQUE CHECK OF THE BOLTS (60 TO 80 INCH-POUNDS (6.7 TO 9 NM)) THAT ATTACH THE TAIL ROTOR PITCH LINK ASSEMBLIES TO THE TAIL ROTOR PITCH HORNS | UNIDAD | EVENTO | POR MONTO | 1 | |
| 2 | INSPECCIÓN PROGRESIVA - EVENTO N.º 2 / INSP. 100 HS EXAMINE THE PLACARDS, DECALS, AND MARKINGS. MAKE SURE YOU CAN READ THEM, THEY ARE APPLIED CORRECTLY, AND THEY ARE IN AGREEMENT WITH THE APPLICABLE CONFIGURATION OF YOUR HELICOPTER. AIRFRAME - 1. EXAMINE THE FORWARD AND THE TRANSMISSION COWLINGS FOR CONDITION. 2. EXAMINE THE UPPER INLET COWLINGS FOR CONDITION. 3. EXAMINE THE ENGINE AIR INLET COWLING FOR CONDITION. EXAMINE THE COMPONENTS AS FOLLOWS CONTROLS - 1. EXAMINE ALL OF THE CONTROL TUBES, BELLCRANKS, AND THE SUPPORTS FOR CONDITION, SECURITY, AND CORRECT OPERATION. SWASHPLATE ASSEMBLY - 1. EXAMINE THE SWASHPLATE AND SUPPORT FOR CONDITION AND SECURITY. HYDRAULIC - 1. EXAMINE THE HYDRAULIC SYSTEM FOR CONDITION, LEAKS AND SECURITY. EXAMINE THE COMPONENTS TRANSMISSION AND PYLON ASSEMBLY - 1. EXAMINE THE PYLON ASSEMBLY FOR CONDITION AND SECURITY. EXAMINE THE COMPONENTS | UNIDAD | EVENTO | POR MONTO | 1 | |
| | INSPECCIÓN PROGRESIVA - EVENTO N.º 3 / INSP. 150 HS EXAMINE THE PLACARDS, DECALS, AND MARKINGS. MAKE SURE THAT YOU CAN READ THEM, THEY ARE APPLIED CORRECTLY, AND THEY ARE IN AGREEMENT WITH THE APPLICABLE CONFIGURATION OF YOUR HELICOPTER. ENGINE - 1. EXAMINE THE ENGINE COWLING AND THE DOORS FOR CONDITION AND SECURITY. EXAMINE THE ENGINE FOR CONDITION, LEAKS, AND SECURITY. 3. EXAMINE THE ENGINE PAN DRAINS. MAKE SURE THAT THEY ARE NOT CLOGGED. RESTORE BROKEN OR MISSING SEALANT FROM ENGINE PAN. 5. EXAMINE THE ENGINE CONTROLS FOR CONDITION, CORRECT OPERATION, AND SECURITY. EXAMINE THE COMPONENTS AS FOLLOWS. ENGINE TO TRANSMISSION DRIVESHAFT - 1. EXAMINE THE ENGINE TO TRANSMISSION DRIVESHAFT FOR CONDITION AND SECURITY. EXAMINE THE COMPONENTS TAIL ROTOR FORWARD SHORT SHAFT ASSEMBLY - 1. EXAMINE THE SHORT SHAFT FOR CONDITION AND SECURITY. 2. EXAMINE THE DISC PACK COUPLINGS 3. DO A TORQUE CHECK OF THE DISC PACK COUPLING ATTACHMENT HARDWARE (150 TO 180 INCH-POUNDS (17 TO 20 NM)). 4. EXAMINE THE FLYWHEEL FOR CONDITION AND SECURITY (IF INSTALLED). FREEWHEEL ASSEMBLY 1. EXAMINE THE FREEWHEEL ASSEMBLY FOR CONDITION, LEAKS, AND SECURITY. 2. EXAMINE THE FREEWHEEL CHIP DETECTOR FOR METAL PARTICLES. EXAMINE THE ELECTRICAL CIRCUIT OF THE CHIP DETECTORS FOR CONTINUITY. ROTOR BRAKE DISC 1. EXAMINE THE ROTOR BRAKE DISC FOR CONDITION AND SECURITY. STARTER-GENERATOR (206-062-200) - 1. REMOVE AND EXAMINE THE STARTER-GENERATOR FOR CONDITION. EXAMINE THE COMPONENTS 2. EXAMINE THE DUCT AND THE CLAMP FOR CONDITION AND SECURITY. PITCH CHANGE CONTROL 1. EXAMINE THE TAIL ROTOR PITCH CONTROL MECHANISM FOR CONDITION AND SECURITY. EXAMINE THE COMPONENTS | UNIDAD | EVENTO | POR MONTO | 1 | |
| 4 | INSPECCIÓN PROGRESIVA - EVENTO N.º 4 / INSP. 200 EXAMINE THE PLACARDS, DECALS, AND MARKINGS. MAKE SURE YOU CAN READ THEM, THEY ARE APPLIED CORRECTLY, AND THEY ARE IN AGREEMENT WITH THE APPLICABLE CONFIGURATION OF YOUR HELICOPTER. AIRFRAME - 1. EXAMINE THE AFT FAIRING FOR CONDITION. 2. EXAMINE THE AFT TOP DECK FOR CONDITION, LEAKS AND SECURITY. OIL SYSTEM - 1. EXAMINE THE ENGINE/TRANSMISSION OIL COOLING SYSTEM FOR CONDITION, LEAKS, AND SECURITY. OIL SYSTEM - 2. EXAMINE THE COMPONENTS AFT SHORT SHAFT ASSEMBLY - 1. EXAMINE THE SHORT SHAFT FOR CONDITION AND SECURITY. 2. EXAMINE THE DISC PACK COUPLINGS FOR CONDITION. 3. DO A TORQUE CHECK OF THE DISC PACK COUPLING ATTACHMENT HARDWARE (150 TO 180 INCH-POUNDS (17 TO 20 NM)). TAILBOOM STRUCTURE - 1. EXAMINE THE TAIL ROTOR DRIVESHAFT COVER AND THE GEARBOX COWLING FOR CONDITION AND SECURITY. 2. EXAMINE THE TAILBOOM ASSEMBLY FOR CONDITION AND SECURITY. TAIL ROTOR DRIVESHAFT 1. EXAMINE THE TAIL ROTOR DRIVESHAFT FOR CONDITION AND SECURITY. 2. EXAMINE THE DRIVESHAFT SEGMENT ASSEMBLIES FOR ANY NOTICEABLE ROTATIONAL OR AXIAL (FORE AND AFT) PLAY BETWEEN THE ADAPTER AND THE TAIL ROTOR DRIVESHAFT, AT ALL FOUR LOCATIONS TAIL ROTOR GEARBOX 1. DO A TORQUE CHECK OF THE TAIL ROTOR GEARBOX ATTACHMENT NUTS (140 TO 160 INCH-POUNDS (16 TO 18 NM)). 2. EXAMINE THE TAIL ROTOR GEARBOX FOR CONDITION, LEAKS, AND SECURITY. 3. EXAMINE THE CHIP DETECTOR OF THE TAIL ROTOR GEARBOX FOR METAL PARTICLES. 4. EXAMINE THE ELECTRICAL CIRCUIT OF THE CHIP DETECTOR FOR CONTINUITY. 5. EXAMINE TAIL ROTOR GEARBOX OUTPUT SHAFT AT CROSSHEAD SEAL SLIDING AREA FOR WEAR AND CORROSION. PITCH CHANGE CONTROL 1. EXAMINE THE TAIL ROTOR PITCH CONTROL MECHANISM FOR CONDITION AND SECURITY. EXAMINE THE COMPONENTS ELECTRICAL 1. EXAMINE ALL VISIBLE ELECTRICAL COMPONENTS, WIRES, CABLES, AND CONNECTORS IN THE AREA OF THE TAILBOOM FOR CHAFING, AND GENERAL CONDITION AND SECURITY. 2. VERIFY NAVIGATION LIGHTS AND ANTI-COLLISION LIGHT FOR OPERATION, CONDITION, AND SECURITY. 3. EXAMINE ANTENNAS FOR CONDITION AND SECURITY. ELECTRICAL GROUND RUN 1. COMPLETE A GROUND RUN AT 100% NR TO CHECK FOR LEAKS AND CONFIRM SYSTEM OPERATION | UNIDAD | EVENTO | POR MONTO | 1 | |
| 5 | 300 HOUR OR 12 MONTH INSPECTION FUEL SYSTEM - 1. EXAMINE THE AUXILIARY FUEL TANK INSTALLATION FOR CONDITION AND SECURITY. | UNIDAD | EVENTO | POR MONTO | 1 | |



| | | | | | | | |
|--|---|------------------|--------------|------------------|-----------|-----------------|--|
| 6 | 600 HOUR OR 12 MONTH INSPECTION ROTOR HUB AND BLADE - 1. REMOVE MAIN ROTOR BLADES FROM THE MAIN ROTOR HUB ASSEMBLY 2. REMOVE OIL AND GREASE FROM THE MAIN ROTOR HUB, BLADES, AND BLADE BOLTS WITH CLEAN CLOTH (C-516) DAMPENED WITH ALIPHATIC NAPHTHA (C-305) OR DRYCLEANING SOLVENT (C-304) 3. CLEAN MAIN ROTOR HUB AND BLADES WITH CLEANING COMPOUND (C-318) THOROUGHLY RINSE WITH FRESH WATER AND DRY WITH CLEAN CLOTHS 4. EXAMINE MAIN ROTOR HUB AND BLADES FOR EVIDENCE OF CORROSION. PAY PARTICULAR ATTENTION TO THE SURFACE AROUND THE BLADE BOLT BUSHINGS INSTALLED IN THE GRIP TANGS. 5. IF INSTALLED, EXAMINE THE EXPANDABLE BLADE BOLTS FOR CONDITION AND SECURITY 6. IF INSTALLED, LUBRICATE THE EXPANDABLE BLADE BOLTS 7. INSTALL MAIN ROTOR BLADES ONTO THE MAIN ROTOR HUB ASSEMBLY. AUTOMATIC FLIGHT CONTROL SYSTEM (AFCS) - 1. VISUALLY EXAMINE THE FOLLOWING FOR CONDITION 2. DO A FUNCTIONAL CHECK OF THE AFCS SEALED LEAD ACID (SLA) BATTERY - 1. SERVICE THE BATTERY | MAIN | UNIDAD | EVENTO | POR MONTO | 1 | |
| 7 | 1 MONTH INSPECTION PROTECTION - 1. DO A GENERAL VISUAL INSPECTION OF THE FIRE EXTINGUISHER KIT (IF INSTALLED). | FIRE | UNIDAD | EVENTO | POR MONTO | 1 | |
| 8 | 3 MONTH INSPECTION CORROSION CONTROL GUIDE 2. SWASHPLATE BEARINGS (2 PLACES) 3. PITCH CHANGE LINK BEARING (4 PLACES) 4. TAIL ROTOR PITCH CHANGE MECHANISM (2 PLACES) | | UNIDAD | EVENTO | POR MONTO | 1 | |
| 9 | 6 MONTH INSPECTION GROUND HANDLING WHEEL (2 PLACES) | | UNIDAD | EVENTO | POR MONTO | 1 | |
| 10 | INSPECCION PROGRESIVA - 12 MONTHS ANNUAL INSPECTION GENERAL - 1. MAKE SURE THAT AN AIRFRAME INTERVAL INSPECTION (DMC-407-A-05-00-00A-281AA) OR ONE FULL CYCLE (ALL SIX EVENTS) OF THE INSPECTION (DMC-407-A-05-00-00A-281A-A) SHOWS COMPLETED IN THE LAST 12 CALENDAR MONTH PERIOD. 2. EXAMINE ALL FUEL SYSTEM, OIL SYSTEM, AND HYDRAULIC SYSTEM FILLER CAPS FOR CORRECT FUNCTION AND SEAL. MAKE SURE THAT THE O-RINGS IN THE FILLER CAPS ARE IN A GOOD CONDITION. REPAIR OR REPLACE THE FILLER CAPS OR REPLACE O-RINGS IF NECESSARY 3. DO A DYNAMIC BALANCE OF THE MAIN ROTOR HUB AND BLADE ASSEMBLY 4. REMOVE THE INTERIOR TRIM AND ACCESS PANELS NECESSARY TO GET ACCESS SERVO ACTUATORS - FOR : SERVO ACTUATOR P/N 206-076-062-105-1071 DO THE SERVO ACTUATORS 12 MONTH INSPECTION. FORWARD FUSELAGE - 1. EXAMINE THE CONTROLS FOR THEIR CONDITION, SAFETY AND CORRECT OPERATION. EXAMINE THEM IN THE LOCATIONS. 2. EXAMINE THE COMPONENTS OF THE AIRSPEED-ACTUATED PEDAL STOP FOR THEIR CONDITION, SAFETY AND CORRECT OPERATION. EXAMINE THE COMPONENTS 3. OPERATE THE AIRSPEED-ACTUATED PEDAL STOP MANUAL CABLE RELEASE MECHANISM FOR THE CAM. EXAMINE FOR THE CORRECT OPERATION AND FREE MOVEMENT OF THE CABLE. SAFETY THE CABLE RELEASE HANDLE WITH SHEAR WIRE (C-554) 4. DO A PEDAL RESTRICTOR CONTROL SYSTEM FUNCTIONAL TEST 5. DO A PEDAL RESTRICTOR CONTROL SYSTEM FUNCTIONAL TEST 6. EXAMINE ALL FLUID FLEXIBLE AND RIGID LINES FOR THEIR CONDITION, LEAKS, AND SAFETY. EXAMINE THE INTERNAL STRUCTURE OF FORWARD AND SIDE ENGINE MOUNT ATTACH POINTS FOR THEIR CONDITION AND SAFETY. FUEL SYSTEM - 1. DO A FUEL LOW ANNUNCIATOR CIRCUIT OPERATIONAL CHECK 2. EXAMINE THE OPERATION OF THE CHECK VALVES FOR THE FORWARD FUEL CELL. TRANSFER PUMPS. OPERATE EACH TRANSFER/BOOST PUMP ASSEMBLY INDEPENDENTLY AND VISUALLY MAKE SURE OF THE FLOW OF FUEL FROM THE OUTLET OF THE FUEL TRANSFER LINE IN THE AFT FUEL CELL. THE FUEL SYSTEM MUST BE DEFUELED UNTIL THE FUEL LEVEL IS BELOW THE TRANSFER LINE OUTLET. 3. EXAMINE THE FUEL SYSTEM SHUTOFF VALVE AND COMPONENTS FOR THEIR CONDITION, LEAKS, AND SAFETY. MAIN ROTOR MAST - 1. DO AN INSPECTION ON THE INTERNAL DIAMETER OF THE MAST EACH 12 MONTHS 2. DO AN INSPECTION OF THE LOWER CONE CLAMP JOURNAL OF THE MAST EACH 12 MONTHS. ENGINE - FOR SN: 53000-542991. DO A MGT INDICATOR FUNCTIONAL CHECK IN NORMAL MODE AND START MODE. FOR SN: 54300-SUBSEQUENT2. DO A PSI - MGT OPERATIONAL CHECK (407GX). FOR SN: 54304, 54567, 54805-SUBSEQUENT3. DO THE VISUAL INSPECTION OF THE TRANSIENT VOLTAGESUPPRESSOR (TVS) (407GX) FOR SN: 54304, 54567, 54805-SUBSEQUENT4. DO THE FUNCTIONAL CHECK OF THE TRANSIENT VOLTAGE SUPPRESSOR (TVS) (407GX). GROUND RUN 1. COMPLETE A GROUND RUN AT 100% NR TO EXAMINE FOR LEAKS AND MAKE SURE THAT THE SYSTEM OPERATES. FOR SN: 54300-SUBSEQUENTGARMIN SOFTWARE - 1. MAKE SURE THAT THE LATEST SOFTWARE VERSION CONFIGURATION AVAILABLE ON THE BELL HELICOPTER WEBSITE (WWW.BELLHELICOPTER.NET) 2. UPGRADE THE HELICOPTER TO THE LATEST SOFTWARE VERSION. FIRE PROTECTION DO A DETAILED INSPECTION OF THE FIRE EXTINGUISHER BOTTLE AND BRACKET (IF INSTALLED). | | UNIDAD | EVENTO | POR MONTO | 1 | |
| 11 | 24 MONTH INSPECTION FUEL SYSTEM 1. REMOVE THE FUEL TRANSFER FUEL BOOST PUMP ASSEMBLIES. LOOK INTO THE FUEL CELLS. EXAMINE THEM FOR UNWANTED MATERIAL, WATER CONTAMINATION, AND FUNGUS GROWTH. 2. EXAMINE THE FUEL TRANSFER/FUEL BOOST PUMP CHECK VALVES FOR CONDITION. 3. DISASSEMBLE, EXAMINE, AND FUNCTIONALLY TEST THE FUEL TRANSFER/FUEL BOOST PUMP CHECK/THERMAL RELIEF VALVES FOR CONDITION. FOR SN: 53000-542994. DO A CALIBRATION OF THE FUEL QUANTITY SYSTEM. OR SN: 54300-SUBSEQUENT5. DO A CALIBRATION OF THE FUEL QUANTITY SYSTEM. FLIGHT CONTROL BOLTS/NUTS 1. EXAMINE THE BOLTS AND THE NUTS OF THE FLIGHT CONTROLS FOR CONDITION. SERVO ACTUATORS 1. EXAMINE THE BYPASS SPOOL VALVE OF THE SERVO ACTUATORS FOR CORRECT MOVEMENT. GROUND RUN1. COMPLETE A GROUND RUN AT 100% NR TO CHECK FOR LEAKS AND CONFIRM SYSTEM OPERATION. | | UNIDAD | EVENTO | POR MONTO | 1 | |
| 12 | MANO DE OBRA POR DIRECTRICES DE AERONAVEGABILIDAD (ADS) | | UNIDAD | EVENTO | POR MONTO | 1 | |
| 13 | MANO DE OBRA POR BOLETINES DE SERVICIO (SBS) | | UNIDAD | EVENTO | POR MONTO | 1 | |
| 14 | MANO DE OBRA POR MANTENIMIENTO NO PROGRAMADO. | | UNIDAD | EVENTO | POR MONTO | 1 | |
| 15 | REPUESTOS E INSUMOS DE LAS DIRECTRICES DE AERONAVEGABILIDAD | | UNIDAD | EVENTO | POR MONTO | 1 | |
| 16 | REPUESTOS E INSUMOS POR BOLETINES DE SERVICIO (SBS) | | UNIDAD | EVENTO | POR MONTO | 1 | |
| TOTAL GRUPO 1 | | | | | | | |
| GRUPO 2 - INSPECCIONES PROGRAMADAS , SECCION DE INSTRUMENTOS Y AVIONICA. | | | | | | | |
| ITEM | DESCRIPCION DEL BIEN | UNIDAD DE MEDIDA | PRESENTACION | CONTRATO ABIERTO | CANTIDAD | PRECIO UNITARIO | |
| 1 | ADC 14CFR PART 43 AP. E | UNIDAD | EVENTO | POR MONTO | 1 | | |
| 2 | ALT ENCODER 14CFR PART 43 AP. E | UNIDAD | EVENTO | POR MONTO | 1 | | |
| 3 | STATIC SYSTEM LEAK CHECK 14CFR PART 43 AP. E | UNIDAD | EVENTO | POR MONTO | 1 | | |
| 4 | XPDR 14CFR PART 43 AP. F (GTN335R) | UNIDAD | EVENTO | POR MONTO | 1 | | |
| 5 | ELT 14CFR PART 91.207(D) | UNIDAD | EVENTO | POR MONTO | 1 | | |
| 6 | ELT BATTERY PACK REPLACEMENT | UNIDAD | EVENTO | POR MONTO | 1 | | |
| 7 | MANUALES DE MANTENIMIENTO DE DE MOTOR (ANUAL) | UNIDAD | EVENTO | POR MONTO | 1 | | |
| 8 | MANUALES DE MANTENIMIENTO DE AERONAVE (BIANUAL) | UNIDAD | EVENTO | POR MONTO | 1 | | |
| 9 | MANUALES DE MANTENIMIENTO DE AVIONICA (ANUAL) | UNIDAD | EVENTO | POR MONTO | 1 | | |
| 10 | SOFTWARE DE MONITOREO DE MANTENIMIENTO (ANUAL) | UNIDAD | EVENTO | POR MONTO | 1 | | |
| TOTAL GRUPO 2 | | | | | | | |
| GRUPO 3 - INSPECCIONES PROGRAMADAS , SECCION DE ELECTRICA. | | | | | | | |
| ITEM | DESCRIPCION DEL BIEN | UNIDAD DE MEDIDA | PRESENTACION | CONTRATO ABIERTO | CANTIDAD | PRECIO UNITARIO | |
| 1 | FUNCTIONAL CHECK BATTERY (CAPACITY CHECK) | UNIDAD | EVENTO | POR MONTO | 1 | | |
| 2 | REEMPLAZO DE BATERIA PRINCIPAL | UNIDAD | EVENTO | POR MONTO | 1 | | |
| 3 | MANO DE OBRA POR DIRECTRICES DE AERONAVEGABILIDAD (ADS) | UNIDAD | EVENTO | POR MONTO | 1 | | |
| 4 | MANO DE OBRA POR BOLETINES DE SERVICIO (SBS) | UNIDAD | EVENTO | POR MONTO | 1 | | |
| 5 | MANO DE OBRA POR MANTENIMIENTO NO PROGRAMADO. | UNIDAD | EVENTO | POR MONTO | 1 | | |
| 6 | REPUESTOS E INSUMOS DE LAS DIRECTRICES DE AERONAVEGABILIDAD | UNIDAD | EVENTO | POR MONTO | 1 | | |
| 7 | REPUESTOS E INSUMOS POR BOLETINES DE SERVICIO (SBS) | UNIDAD | EVENTO | POR MONTO | 1 | | |
| TOTAL GRUPO 3 | | | | | | | |

| GRUPO 4 - REPUESTOS PARA INSPECCIONES PROGRAMADAS DE LAS DIFERENTES SECCIONES | | | | | | |
|---|--|------------------|--------------|------------------|----------|-----------------|
| ITEM | DESCRIPCION DEL BIEN | UNIDAD DE MEDIDA | PRESENTACIÓN | CONTRATO ABIERTO | CANTIDAD | PRECIO UNITARIO |
| 1 | TORQUE SEAL F900 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 2 | ACEITE AEROSHELL 555 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 3 | ACEITE AEROSHELL 560 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 4 | HIDRAULIC FLUID F41 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 5 | COTTER PIN MS24665-155 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 6 | COTTER PIN MS24665-357 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 7 | PACKING AS3209-011 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 8 | PACKING AS3209-113 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 9 | PACKING AS3208-06 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 10 | PACKING AS3209-236 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 11 | PACKING AS3209-024 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 12 | ELEMENT 204-040-760-109 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 13 | PACKING AS3209-016 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 14 | RETAINER MS28774-211 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 15 | PACKING MS28775-211 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 16 | PACKING MS28775-011 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 17 | GRASA MOBIL 28 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 18 | PACKING MS28778-4 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 19 | PACKING MS29513-270 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 20 | SELLANTE PRC890B2 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 21 | PACKING MS29512-10 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 22 | PACKING MS29513-110 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 23 | PACKING MS29513-115 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 24 | PACKING AS3209-012 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 25 | PACKING AS3209-014 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 26 | PACKING AS3209-016 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 27 | PACKING AS3209-126 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 28 | PACKING AS3209-113 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 29 | PACKING AS3208-03 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 30 | ELEMENT LUBE FILTER M250-10386 | UNIDAD | EVENTO | POR MONTO | 1 | |
| 31 | LUBE AFS SILTER OIL OILMAGNIFIC | UNIDAD | EVENTO | POR MONTO | 1 | |
| 32 | THIXOGREASE THIXOGREASE | UNIDAD | EVENTO | POR MONTO | 1 | |
| 33 | FILTER ELEMENT FUEL M250-10626 | UNIDAD | EVENTO | POR MONTO | 1 | |
| TOTAL GRUPO 4 | | | | | | |
| GRUPO 5 - COMPONENTE DE VIDA LIMITE MOTOR M250-C47B 2000 HRS / 3000 CICLOS | | | | | | |
| ITEM | DESCRIPCION DEL BIEN | UNIDAD DE MEDIDA | PRESENTACIÓN | CONTRATO ABIERTO | CANTIDAD | PRECIO UNITARIO |
| 1 | MANO DE OBRA POR INSPECCION DE 2000 HRS / 3000 CICLOS MOTOR | UNIDAD | EVENTO | POR MONTO | 1 | |
| 2 | REPUESTOS E INSUMOS POR INSPECCIÓN 2000 HS MOTOR / 3000 CICLOS | UNIDAD | EVENTO | POR MONTO | 1 | |
| TOTAL GRUPO 5 | | | | | | - |
| MONTO TOTAL | | | | | | - |



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lun., abr. 28, 2025 02:01 PM

Subject:

To: rodrigo barbosa <rodrigo.barbosa@lideraviacao.com.br >

Adjuntos:

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BUENAS TARDES, REMITO NOTA DE SOLICITUD DE PRESUPUESTO PARA LA REALIZACION DEL LLAMADO DE MANTENIMIENTO DE LOS HELICOPTEROS BELL 407

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