



COMPONENT REPAIR REPORT

| | | |
|-------------------------------|-------------------------|--------------------------|
| 1. Customer: Galaxy Aerospace | 4. Cust PO#: RMN-23-909 | 7. TSN /CSN: 3604.4 / - |
| 2. WO #: 886 | 5. Qty:1 | 8. TSO /CSO : 1125.2 / - |
| 3. PN #: 524-062 | 6. SN: 1132 | 9. TSR /CSR : - / - |

A. Removal Reason

Due 1200 hours overhaul.

B. Receiving Findings

1. Unit received normal in carton box.
2. Unit internal and external surface are dirty.
3. Amendment status Nil

C. Shop Findings

1. Disassembled unit for overhaul, details inspection and replacement of carbon brushes & bearings.
2. Armature (PN P503684) uneven wear on commutator surface. Machine to smoothen commutator surface and rebalance the armature.
3. Terminal block (PN 505416-2) stud D found 6 threads stripped. Required repair. See Photo 1.
4. Other hardware found normal wear and tear.
5. The unit would be overhaul in this shop visit.
6. No SB & AD required to comply in this shop visit.

D. This component repair report is prepared by (Name & Date): Samhari Abd Majid / 3 Mar 2023



Attachment 1: Material Report

| PART NUMBER | DESCRIPTION | QTY | REASON |
|------------------|----------------|-----|----------------------------------|
| P503684 | Armature assy | 1 | Rework - machine and balanced. |
| 505416-2 | Terminal block | 1 | Stud D threads stripped. Repair. |
| 22541N060 | Nut | 1 | Overhaul. Replaced new. |
| 22542K060 | Nut | 1 | Overhaul. Replaced new. |
| 401219 | Washer key | 2 | Overhaul. Replaced new. |
| 408764B | Brush | 4 | Overhaul. Replaced new. |
| 46100 | Washer key | 8 | Overhaul. Replaced new. |
| 46208A | Washer | 1 | Overhaul. Replaced new. |
| MS16628-4078 | Retaining ring | 1 | Overhaul. Replaced new. |
| B317050L | Bearing | 1 | Overhaul. Replaced new. |
| B320050L | Bearing | 1 | Overhaul. Replaced new. |
| F22NTM02NYLSTOP | Nut | 2 | Overhaul. Replaced new. |
| F52NTE064NYLSTOP | Nut | 3 | Overhaul. Replaced new. |
| LZQV0170TL | Tabwasher | 1 | Overhaul. Replaced new. |
| P073811 | Washer key | 4 | Overhaul. Replaced new. |
| R9QV050AL | Washer | 2 | Overhaul. Replaced new. |
| R9QV060AL | Washer | 1 | Overhaul. Replaced new. |
| R9ZT030APA | Nut | 4 | Overhaul. Replaced new. |
| S4 | Washer | 4 | Overhaul. Replaced new. |
| VTAX100TL | Washer | 3 | Overhaul. Replaced new. |
| VUQ1QK40010AL | Screw | 4 | Overhaul. Replaced new. |
| VXQ1QV040008AL | Screw | 4 | Overhaul. Replaced new. |
| 409258 | Gasket | 1 | Overhaul. Replaced new. |
| | | | |



Photo 1 – Terminal block thread stripped.