



**CUSTOMER:** GALAXY AEROSPACE      **REF No:** RATS 0062  
**ORDER No:** RMN-21-163      **ITEM No:** 1  
**PART No:** 3990/62600      **DESC:** Transmitter  
**SER No:** 237      **LEONARDO REF:** Service Order: 4111009

### INTERIM REPAIR REPORT

<b>Description of Reported Fault:</b> Customer (End User: Malaysia) reported fault: INDICATED FAULT TX 05.															
<b>4<sup>th</sup> Line Visual / Mechanical Survey (S1 300131946 refers):</b> <ul style="list-style-type: none"><li>1) Inspection seals not broken on receipt.</li><li>2) LRU slightly dusty inside.</li><li>3) LRU Base Dust Cover missing.</li></ul>															
<b>4<sup>th</sup> Line Electrical Survey:</b> <ul style="list-style-type: none"><li>4) Filter, Radio Interference &amp; Heater Control Board Ser. No. 254 (3990/62625) has blown O/C 3phase filter capacitors C1-C6.</li><li>5) EHT breakdown traced to Charging Choke L4 defective when pulses are applied. This was confirmed by fitting a reference Charging Choke.</li></ul>															
<b>Material Issued:</b> <table border="1"><thead><tr><th>Material</th><th>Description</th><th>QTY</th></tr></thead><tbody><tr><td>G0051440</td><td>CAPACITOR</td><td>6</td></tr><tr><td>3990/62701</td><td>EXCLUDER,DUST</td><td>1</td></tr><tr><td>G0086322</td><td>CAPACITOR</td><td>1</td></tr><tr><td>3990/62642</td><td>CHARGING CHOKE</td><td>1</td></tr></tbody></table>	Material	Description	QTY	G0051440	CAPACITOR	6	3990/62701	EXCLUDER,DUST	1	G0086322	CAPACITOR	1	3990/62642	CHARGING CHOKE	1
Material	Description	QTY													
G0051440	CAPACITOR	6													
3990/62701	EXCLUDER,DUST	1													
G0086322	CAPACITOR	1													
3990/62642	CHARGING CHOKE	1													
<b>Modifications Incorporated:</b> CP502499 on Filter, Radio Interference & Heater Control (3990/62625) - S/O: 5. New capacitors C1-C6 (G0051440) fitted. CP554897 on Modulator Radar (2) (3990/62620) - S/O: 5. New capacitor C3 (G0086322) fitted.															
<b>Investigation Analysis:</b> <ul style="list-style-type: none"><li>1&amp;2) Information only.</li><li>3) Dust Cover fitted.</li><li>4) Replacement capacitors fitted.</li></ul>															

