GENERAL NOTES:

1. PERFORM ALL WORK IN ACCORDANCE WITH STANDARD PRACTICES OF AC43.13--1B/2A:
   - METAL WORK * AC43.13-1B, CHAPTER 4 & 6,
   - AIRCRAFT HARDWARE * AC43.13-1B, CHAPTER 7,
   - STRUCTURAL DATA * AC43.13-2A, CHAPTER 1.
2. EQUIVALENT FASTENERS MAY BE USED IN LIEU OF THOSE SPECIFIED.
   FASTENER LENGTH TO BE DETERMINED ON INSTALL.
3. DEBURR, BRUSH ALODINE (AS PER MIL-C-5541), EPOXY PRIME (AS PER MIL-P-23377) ALL MODIFIED OR NEWLY FABRICATED BARE METAL PARTS.
4. PAINT EXPOSED SURFACE OF AIRCRAFT SKIN IN ACCORDANCE WITH MIL-C-22750 TO MATCH EXISTING COLOUR OF AIRCRAFT.
5. INSTALLATION OF ANTENNA IN ACCORDANCE WITH:
   - AC43.13--1B CHAPTER 4, SECTION 4, CHAPTER 7
   - AC43.13-2A CHAPTER 3.
6. THE DATA CONTAINED HEREIN CONSIDERS STRUCTURAL DETAILS ONLY. WIRING, EQUIPMENT AND SYSTEMS OPERATION ARE THE RESPONSIBILITY OF THE INSTALLER.
7. LOCATE ON INSTALL.
8. SIZE/TRIM PARTS TO SUIT INSTALL.
9. ITEM 1, 5, 4 ARE ALTERNATE CONFIGURATIONS OF THE SAME ITEM 3.
10. INSTALL ITEM 312/111 AS AN ALTERNATE ANTENNA TO ITEM 331/106.
11. ENSURE ANTENNA IS 6 INCHES CLEAR OF ANY EXISTING STRUCTURES: LIGHTS, LANDING GEAR, JACKING MOUNT OPENINGS, OR OTHER EXISTING ANTENNAS. SPACE ANTENNA WITH RESPECT TO ITS CONNECTOR.
12. MATCH FOOTPRINT OF ANTENNA AND MOUNTING HOLES.

DEBURR HOLE AND REMOVE DEBRIS AND LOOSE MATERIAL FROM CAVITY AND SURFACE OF COMPOSITE PANEL. FILLED UNDERCUT WITH EPOXY 87269-A/B (OR EQUIVALENT) TO MATCH THE HOLE EDGE IN THE FACINGS, SAND SMOOTH AND FLUSH WHEN CURLED.

ENSURE ELECTRICAL BONDING BETWEEN DOUNBLER AND AIRCRAFT GROUND USING ELECTRICAL STRAPS.

OPTIONAL INSTALLATION: ITEM 308 MAY BE INSTALLED IN ADDITION TO ITEM 309. LOCATE ON CENTER PEDESTAL DZUS RAIL.

ITEMS 305, 306, 307 & 301 (OR 302, OR 303, OR 304) MAYBE INSTALLED AT ANY OF THE INSTALLED LOCATIONS. ENSURE INSTALLATION IS NOT ON ANY EXTREMELY CURVED SURFACES.

OPTIONAL INSTALLATION: ITEM 314 MAY BE INSTALLED IN ADDITION TO ITEM 310. LOCATE ON CENTER PEDESTAL DZUS RAIL.

ITEMS 305, 306, 307, 311 (OR 312) & 301 (OR 302, OR 303, OR 304) MAYBE INSTALLED AT ANY OF THE INSTALLED LOCATIONS. ENSURE INSTALLATION IS NOT ON ANY EXTREMELY CURVED SURFACES.

"DECA AVIATION ORIGINALS IN RED"
"REDRAWN BY"
WEIGHT & BALANCE

NOTE: RECALCULATE MOMENT WITH ANY DEVIATION TO THE ITEM LOCATION

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>WEIGHT (LBS)</th>
<th>ARM (IN)</th>
<th>MOMENT (LBSxIN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>313</td>
<td>25.28V-2</td>
<td>0.5</td>
<td>88.50</td>
<td>44.25</td>
</tr>
<tr>
<td>315</td>
<td>TRANSCEIVER</td>
<td>2.5</td>
<td>81.60</td>
<td>100.90</td>
</tr>
<tr>
<td>TOTAL</td>
<td></td>
<td></td>
<td>38.54</td>
<td>154.16</td>
</tr>
</tbody>
</table>

LOCATE ON CENTER PEDESTAL DZUS RAIL 313

-005 TDFM 136A INSTALLATION
136A CONFIGURATION
GENERAL LAYOUT
NOTE:

13, 14

DRILL #0.486 HOLE FOR ITEM 204/205 INSERT OR
DRILL #0.574 HOLE FOR ITEM 206/207 INSERT ON
COMPOSITE PANEL. APPLY PRESSURE TO
OPPOSING SIDES OF INSERT USING A HAND ARBOR
PRESS; PRESSURE NOT TO EXCEED 1800 LBS.
SKIN WILL DIPLE AUTOMATICALLY.

TYP INSERT CROSS SECTION.