

APPENDIX B - MOUNT SPECIFIC DATA

For AVL Technologies

This appendix describes RC3000 operations unique for several AVL mounts. Differences between this version and the operation described in the "baseline" RC3000 manual are noted on a paragraph by paragraph basis.

1.1 Manual Organization

This appendix is provided as a supplement to the baseline RC3000 manual.

1.2 Mount Models

DESIGNATION	MODEL
A1	1.2 ERA
A2	1.5 ERA
A3	1.2 USA
A4	1.8 USA
A7	1.2 USA with 400 degree azimuth travel
AA	2.4 m. with 400 degree azimuth travel
AN	1.2 MVSAT
AP	1.8 MVSAT
U3	2.4 m. / 400 deg. / new polariztion

1.3.2 System Interface Requirements

All mounts in the AVL family follow the standard RC3000 interface requirements.

2.1.4 Inclinometer Orientation

The inclinometer should be rigged with the face of the reflector vertical.

2.3.2 Elevation Reference Position

MODEL	VOLTAGE	OFFSET ANGLE
A1	1.69	20.0
A2	1.69	20.0
A3	1.69	17.35
A4	1.30	22.3
A7	1.69	17.35
AA	1.69	22.3
AN	1.69	17.35
AP	1.69	22.3
U3	1.69	22.3

3.3.1.2 Reset Defaults

The following table supplies the default configuration item values for each model of mount.

Space has also been provided to record installation specific changes to the configuration items. Note: recording of installation specific changes to defaults may prove valuable when trying to restore system configuration.

