



### FRM MAST SPECIFICATIONS

FRM NO.	EST. SHIPPING WT., LBS.	PART NO.	DESCRIPTION
FRM125	52	FY202	TUBE 1-1/4" X 1.654" X .60"
FRM150	50	FY203	TUBE 1-1/2" X 1.654" X .30"
FRM160	50	FY204	TUBE 1-1/2" X 1.654" X .30"
FRM238	57	FY205	TUBE 2-3/8" X 1.654" X .30"
FRM200	55	FY248	TUBE 2" X 1.654" X .60"
FRM235PPE	58	FY253	PIPE 2" X 5/8" X .60"

### FRM BILL OF MATERIAL

ITEM QTY	PART NO	DESCRIPTION	DWG NO
1	SEE CHART	DISH-MAST SUPPORT	A950177
2	FY200	BASE ANGLES	A950178
3	FY200	BASE ANGLES	A950179
4	FY200	HARDWARE KIT	G950123

### FY2500 BILL OF MAT'L S

QTY	PART NO	DESCRIPTION
3	22027B	BOLT 5/16 X 3 (CARRIAGE)
12	220205	BOLT 5/16 X 3/4 (CARRIAGE)
15	240014	NUT 5/16
15	250050	LOCK WASHER 5/16
1	250050	LOCK WASHER 5/16
1	FORM92-2479	WARNING FORM #902479
1	FORM92-2479-A	SAFETY INFORMATION
1	FORM95-2829M	CATALOG SHEET
1	FY2500	HARDWARE KIT F7 MODEL FRM (ITEMS LISTED ABOVE)

### NOTES

- PALLAST DATA SHOULD BE DETERMINED BY A QUALIFIED PERSON. ACCURATE BALLAST MATERIAL MUST BE DETERMINED AND PROVIDED BY OTHERS TO PREVENT OVERTURNING AND SLIDING AT THE DESIGN WIND LOAD.
- BEFORE INSTALLATION, VERIFY THAT THE INSTALLATION, INVESTIGATED AND FOUND CAPABLE OF WITHSTANDING ALL CONDITIONS OF THE PROPOSED ANTENNA SYSTEM. CONFIRMED BY THE PROPOSED ANTENNA SYSTEM. SAFETY CABLES, IF REQUIRED, HAVE BEEN FOUND TO BE ADEQUATE FOR THE PROPOSED ANTENNA SYSTEM. THE INSTALLATION WILL BE IN CONFORMANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REQUIREMENTS.
- ALL ANTENNA INSTALLATIONS MUST BE GROUNDED TO MEET APPLICABLE CODES.
- SAFETY CABLE KITS CONSISTING OF A 3/16 EHS SAFETY CABLE (3800 LBS. ULTIMATE STRENGTH) WITH SIX CLAMPS TO SECURE MOUNT AND/OR EACH END CONNECTION WITH THE U-BOLT ON THE BEAD END OF THE CABLE.

### SAFETY CABLE LENGTH

PART NUMBER	100 FT	150 FT
SK650	100 FT	150 FT
SK6150	100 FT	150 FT

- WHEN THE LARGER MASTS ARE USED, THE BRACE TUBES WILL SECURE TO THE BASE INSIDE, ON THE OUTSIDE INSTEAD OF THE INSIDE.
- WHEN ASSEMBLING THE FRM'S IT IS BEST TO ASSEMBLE ALL TUBES AND ANGLES TIGHT. SQUARE THE TUBES BRACES ARE IN PLACE AND DOWN ALL BOLTS, BACK AND TIGHTEN.
- RPN RECOMMENDS THAT BALLAST MATERIAL ALWAYS BE PROVIDED TO PREVENT HAZARDOUS FAILURE AND SHOULD BE SECURED TO PREVENT HAZARDOUS FAILURE OCCURRING UNDER EXTREME WIND LOADING CONDITIONS.
- PRECAUTIONS SHOULD ALWAYS BE TAKEN TO PREVENT INSTALLATION AND TO INSURE THAT BALLAST MATERIAL IS ANGLES SUPPORTED BY THE BALLAST MATERIAL.
- HIGH STRENGTH BOLTS ARE PROVIDED, BUT LOCKING IS DEPENDENT UPON INITIAL TENSION IN BOLT. INSPECT MAXIMUM TIGHTNESS OF NUTS AT SIX MONTH MAXIMUM INTERVALS.

BALLAST MATERIAL DETAIL

### FRM MODEL FRM - NON-PENETRATING ROOF MOUNT

Model FRM - NON-PENETRATING ROOF MOUNT

Part No. 0950008R3

Rev. 1.0

Drawn by: [Name]

Checked by: [Name]

Approved by: [Name]

Date: [Date]