



ITEM	QTY	PART NO.	DESCRIPTION	DWG. NO.
1	1	SEE CHART	DISH-MAST SUPPORT	A950177
2	6	FY200	BASE ANGLES	A950178
3	1	FY200	LOCK WASHER	A950179
4	1	FY2000	HARDWARE KIT	G950123

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

QTY	PART NO.	DESCRIPTION
3	220278	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	FY5200	HARDWARE KIT F7 MODEL FRM (ITEMS LISTED ABOVE)

FRM BILL OF MATERIAL

MAST SPECIFICATIONS

FYS200 BILL OF MAT'L'S

NOTES:

- BALLAST DATA SHOULD BE DETERMINED BY A QUALIFIED PROFESSIONAL ENGINEER. ACCURATE BALLAST MATERIALS MUST BE DETERMINED AND PROVIDED BY OTHERS TO PREVENT OVERTURNING AND SLIDING AT THE DESIGN WIND LOAD.
- PRIOR TO INSTALLATION, VERIFY THAT THE INSTALLATION, INVESTIGATED AND FOUND CAPABLE OF WITHSTANDING ALL LOADS IMPOSED BY THE PROPOSED ANTENNA SYSTEM. SAFETY CABLES, IF REQUIRED, HAVE BEEN FOUND TO BE ADEQUATE FOR THE PROPOSED SYSTEMS. ALL INSTALLATIONS MUST 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

100 FT
125 FT
150 FT

PART NUMBER

SK650
SK650
SK6150

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 TOGETHER. SQUARE THE TUBES BRACES ARE IN PLACE AND DOWN ALL BOLTS, BACK AND TIGHTEN.

RFM RECOMMENDS THAT BALLAST MATERIAL ALWAYS BE PROVIDED TO PREVENT HAZARDOUS FAILURE AND MOUNT BE SECURED TO PREVENT HAZARDOUS FAILURE OCCURRING UNDER EXTREME WIND LOADING CONDITIONS.

PRECAUTIONS SHOULD ALWAYS BE TAKEN TO PREVENT INSTALLATION AND REMOVAL THAT BALLAST MATERIAL ANGLES SUPPORTED BY THE BALLAST SUPPORT ANGLES.

HIGH STRENGTH BOLTS ARE PROVIDED, BUT LOCKING IS DEPENDENT UPON INITIAL TENSION IN BOLT. INSPECT MAXIMUM TIGHTNESS OF NUTS AT SIX MONTH MAXIMUM INTERVALS.

FRM BILL OF MATERIAL

MAST SPECIFICATIONS

FYS200 BILL OF MAT'L'S

NOTES:

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SAFETY CABLE LENGTH

100 FT
125 FT
150 FT

PART NUMBER

SK650
SK650
SK6150

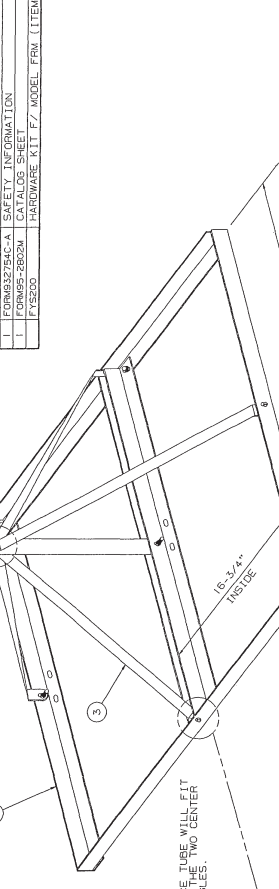
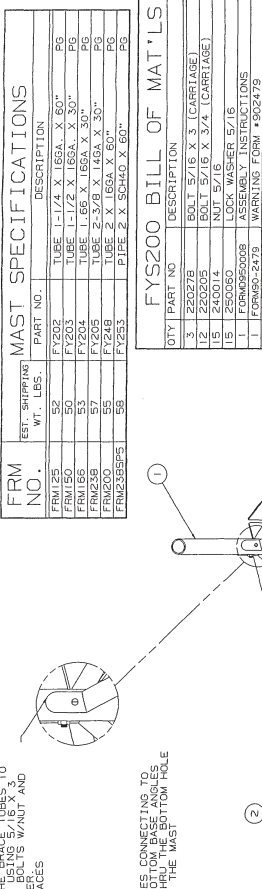
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NOTE: THE BRACE TUBES CONNECTING TO THE TOP AND BOTTOM HOLES MUST BE SECURED TO THE TOP AND BOTTOM HOLES AT THE TOP OF THE MAST USING 5/16 X 3/4 CARRIAGE BOLTS, NUTS AND LOCK WASHERS.

NOTE: THE BRACE TUBES CONNECTING TO THE TOP AND BOTTOM HOLES MUST BE SECURED TO THE TOP AND BOTTOM HOLES AT THE TOP OF THE MAST USING 5/16 X 3/4 CARRIAGE BOLTS, NUTS AND LOCK WASHERS.

PROIN

TYPE: MODEL FRM - NON-PENETRATING ROOF MOUNT

DATE: 02-20-2005

DESIGNED BY: [Name]

APPROVED BY: [Name]

DATE: 1-6-07

PROJECT NO: D950008R3