

**JO-DEL ELECTRONICS**  
 11200 AIRPORT ROAD, RT. 1  
 COLUMBIA, MISSOURI 65201  
 314-874-4141  
 FAA REPAIR STATION NO. SS2R172L

Customer ID: 1715 Date : Jul 15, 1992  
 Name : Harrison Rentals & Investments Work Order No.: 079224  
 Address : 507 East Tenth Street Aircraft No. : N9742Y  
 City, State : Rolla, Missouri Attn: Steve Harrison  
 Zip : 65401-3302

Northstar M1 S/N 18200  
 Removed old ICs and installed new ICs for update. Bench checked for proper operation and found to comply with specs. Ramp tested. Returned to service. 1 hour labor N/C

Removed: ADF receiver 201A S/N 329, indicator S/N 1684, fixed loop antenna S/N 5964 and whip sense, KX 170 Nav/Com S/N unknown.

Reconstructed and reinstalled glove box. Installed FN 200 avionics fan on back of glove box. 3.5 hours labor

Installed: KX 155 S/N 16016, KI 208 S/N 58872, KR 87 S/N 47252, KI 227 S/N 35097, KA44B S/N 48024 as per quote.

Ramp tested marker beacon and found antenna signal very weak. Trouble shot system and found faulty coax and connection. Added a disconnect and new piece of coax from disconnect to antenna. Bench checked KMA 20 and found OK. 2 hours labor

Total Installation Time: Hrs Total Time Service : 5.5 Hrs

Qty	Part No.	Equipment Description	Unit Price	Total
1	KX 155/KI 208	S/N 16016/58872	\$ 2430.00	\$ 2430.00
1	KR 87/KI 227	S/N 47252/35097	\$ 3024.00	\$ 3024.00
1	FN 200	Avionics Fan	\$ 199.95	\$ 199.95

Total Equipment \$ 5653.95

Qty	Part No.	Parts Description	Unit Price	Total
2	31-4327	Female BNC	\$ 4.70	\$ 9.40
2	31-4320	Male BNC	\$ 3.63	\$ 7.26
1	CM2	Circuit Breaker	\$ 13.39	\$ 13.39
1	2Amp	Fuse	\$ 0.32	\$ 0.32
1	HHJ-A	Fuse holder	\$ 2.21	\$ 2.21
1	1/4X1-1/5"	Stainless steel bolt	\$ 1.19	\$ 1.19
1	1/4"	Nut	\$ 0.59	\$ 0.59
4	42028-0000	Plugs	\$ 1.58	\$ 6.32
Total Parts			\$ 40.68	

**TERMS**

PAYMENT DUE UPON RECEIPT  
 SERVICE CHARGE 1.75% MONTHLY

Total Labor : \$ 1129.00  
 Total Equipment : \$ 5653.95  
 Total Parts : \$ 40.68  
 Tax : Exempt  
 Total Due : \$ 6823.63

KX170A/KI208

550.00

6273.63

*JW*  
*Hanks.*

*pd in full 7-15-92*  
*cl# 4175*

