

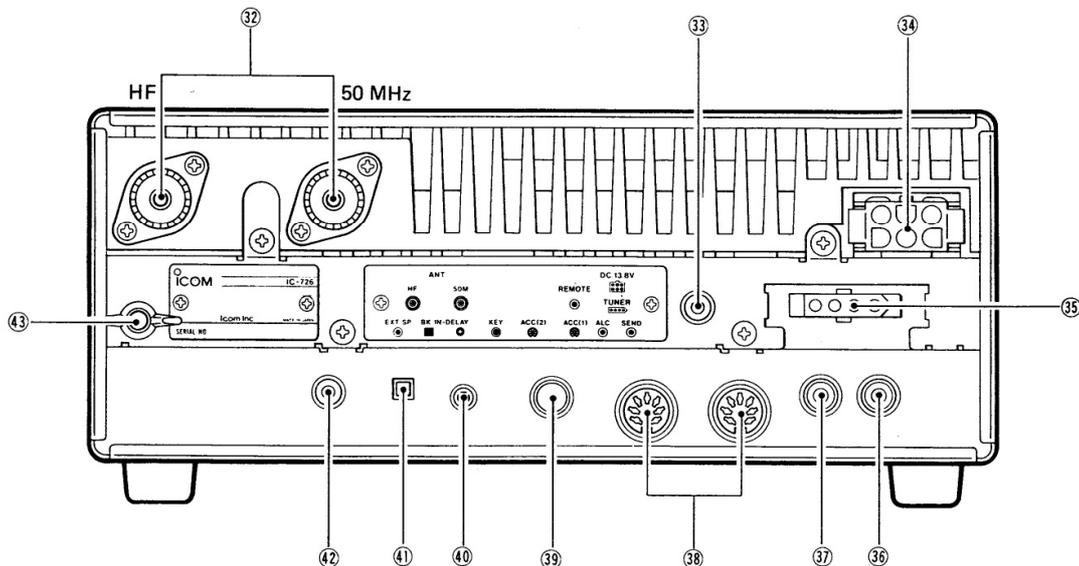
DCS Technical Team Repair/Installation Request



1.	Location(s)	Control #
	DCS Room B15 Walnut Sheriff Station 21695 Valley Blvd, Walnut, CA 91789	WAL-01
2.	Statement of the Problem(s)	
	<p>A. Left hand operating position at 2-meter radio. SWR reading is 3+:1. Unable to receive or transmit with this antenna.</p> <p>B. Icom-726 HF radio position</p> <ol style="list-style-type: none"> 1) 50 MHz antenna assembly SWR tests out at 4:1, unable to transmit on 6-meter band 2) HF antenna assembly SWR tests out at 3:1 at 10 meter operating frequencies 	
3.	Recommended Solution(s)	
	<p>A. Check 2m cable and antenna and repair as necessary.</p> <p>B. Icom-726 HF radio has separate 6-meter and HF antenna inputs. See diagram.</p> <ol style="list-style-type: none"> 1) Inspect 6m antenna and cable system for defects and repair as needed 2) Check HF antenna system for any defects and/or install an antenna tuner system to support 10 meters. <p>Frequencies to check: 6m, 50.62 MHz 10m, 29.63 MHz</p>	
4.	Concurrences	Date
	Technical Team Contact	Keith Prebble, S-12, kd6pyd@earthlink.net
	DCO	Keith Prebble, S-12, kd6pyd@earthlink.net
	Technical Ops Officer	Deane Bouvier, S-50, n5dq@arrl.net
5.	CFMB Approval	

1 CONTROL FUNCTIONS

1-2 REAR PANEL



- ③② **ANTENNA CONNECTORS** (pgs. 5, 6)
Connect a 50 Ω antenna with a PL-259 plug to each connector.
- ③③ **CI-V REMOTE CONTROL JACK** (p. 12)
Designed for use with a personal computer for remote operation of transceiver functions.
- ③④ **DC POWER SOCKET** (p. 7)
Accepts 13.8 V DC using the supplied DC cable.
- ③⑤ **TUNER CONTROL SOCKET** (p. 9)
Accepts the optional AH-3 HF AUTOMATIC ANTENNA TUNER control cable.
- ③⑥ **SEND CONTROL JACK** (p. 8)
Goes to ground when transmitting.
- ③⑦ **ALC INPUT JACK** (p. 8)
Connects to the ALC output jack of a non-Icom linear amplifier.
- ③⑧ **ACCESSORY SOCKETS** (p. 11)
Input and output connections for external equipment.
- ③⑨ **CW KEY JACK** (pgs. 6, 18)
Accepts a straight key or electronic keyer with a standard 1/4 inch 3-conductor plug.
- ④① **CW BREAK-IN DELAY CONTROL** (p. 18)
Adjusts the transmit-to-receive switching delay time for CW semi break-in operation.
- ④② **CW SEMI BREAK-IN SWITCH** (p. 18)
Turns ON and OFF the CW semi break-in operation.
- ④③ **EXTERNAL SPEAKER JACK** (p. 6)
Connect a 4 ~ 16 Ω speaker here, if required.
- ④④ **GROUND TERMINAL** (pgs. 5, 6)
To prevent electrical shocks, TVI, BCI and other problems, connect this terminal to ground.

ICOM IC-726 Rear View