



Voice Comms: 146.430 MHz direct  
 Jumper HF: 28425 KHz USB  
 Jumper Mon: 446.075 MHz  
 APRS telemetry: 144.330 MHz  
 Video: 5.8GHz, 2.4GHz, or 1.2GHz depending which system works best  
 APRS data either AF6IM, KF6WRW, KC6TYD, W7BIG

**10-meter HF Worldwide QSO Plan**  
 Jumper HF will be on 28425 KHz USB which is open Tech licenses.  
 28.600 is 10M calling frequency.

- Drawing Index:
- PM-E1000 General Wiring Diagram
  - PM-E1001 Primary Air-to-Ground Wireless Video Wiring Diagram
  - PM-E1002 Secondary Air-to-Ground Wireless Video Wiring Diagram
  - PM-E1003 I-Gate Station Wiring Diagram
  - PM-E1004 UHF Wireless Video Wiring Diagram
  - PM-E1005 Video Receive, Select, and Stream Wiring Diagram
  - PM-E1006 GPS and PulseOx to APRS Transmitter Wiring Diagram
  - PM-E1007 Weather Station Wiring Diagram
  - PM-E1008 Jumper 2-Way Radio Communications Wiring Diagram
  - PM-E1009 Jumper 10-meter HF Global Communications Wiring Diagram
  - PM-E1010 Slow Scan Television SSTV Camera Wiring Diagram

NOTES: UNLESS OTHERWISE SPECIFIED

- 1 APPLY
- 2

REV	DATE	REVISION DESCRIPTION	DRAWN	APP
7	3-27-18	Changed font, few minor text corrections various places	MF Wright	
6	12-5-17	Added W7BIG callsign, SSTV cam, changed weatherbox to RF.	MF Wright	
5	8-19-16	Re-arranged video inputs. Added KC6TYD to APRS stations.	MF Wright	
4	10-13-15	Added I-Gate station.	MF Wright	
4	10-13-15	Updated drawing numbers.	MF Wright	
3	10-6-15	Corrected drawing numbers.	MF Wright	
2	5-29-15	Added 10-meter HF radio	MF Wright	
1	5-28-15	more revisions	MF Wright	
0	9-25-14	extensive revisions, scrapped previous drawing	MF Wright	

**PARACHUTE MOBILE "In The Air, On The Air"**  
[www.parachutemobile.org](http://www.parachutemobile.org)

---

### Parachute Mobile Communication Systems General Wiring Diagram

DRAWN MF WRIGHT	CHK	INDEX	FSCM. NO.	LIMITS UNLESS NOTED
DESIGN ENGR MF WRIGHT	TEAM POSITION Video Ops		DATE 3-27-18	
NEXT ASSY	USE ON	CONSULTANT M. PECHNER	AS DWG NO Sheet 1 of 1	REV
APPLICATION		TEAM COORDINATOR R. FENN	SCALE NONE	<b>PM-E1000</b>

--	--	--	--	--