

Parachute Mobile Communications Diagram

www.parachutemobile.org



tactical call, "Jumper One, Jumper Two, ..."

Voice Comms: 146.430 MHz direct
 HF comms: 28425 KHz USB
 Jumper Mon: 446.075 MHz
 DMR: 145.0 out, 147.5 in, Calif TG 3106, reflector REF014 C.
 APRS telemetry: 144.330 MHz (144.390 if no local igate)
 Video: 5.8GHz NTSC analog
 SSTV: Scottie 1 mode 320x256, 145.500 MHz

APRS data either AF6IM, KF6WRW, KC6TYD, W7BIG

Frequencies:

146.430 simplex, no PL
 147.570 simplex, no PL
 28425 KHz USB
 145.0/147.5, Calif TG 3106
 147.060+, PL 100.0
 446.075 simplex, no PL
 144.330 MHz
 145.500 MHz

Description:

Jumper QSO
 Jumper QSO secondary
 10m SSB or AM for worldwide QSOs
 DMR or Dstar communications
 W6CX repeater for talkback, ops, announcements
 Jumper Mon, transmit only from Tac Ops to jumper
 APRS frequency, if no local I-gate, then use 144.390
 Slow Scan TV, Scottie 1 mode 320x256

DMR Communications Plan

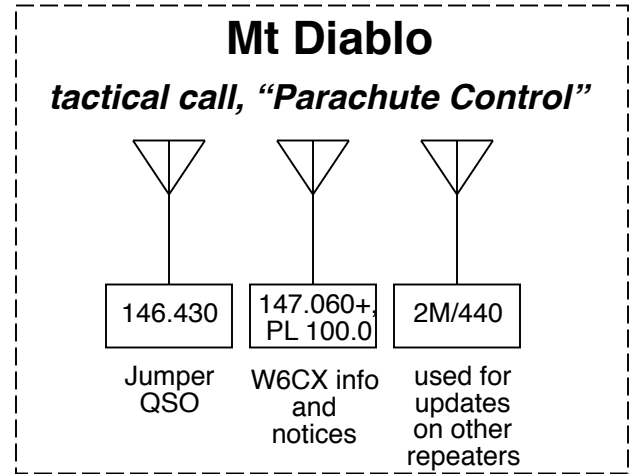
D-Star via W6CX-C repeater on Mount Diablo, output 145.000, input 147.500, Calif Talk Group 3106, reflector REF014 C.

10-meter HF Worldwide QSO Plan

Jumper 1 will be on 28425 USB, may go to other freq as requested.

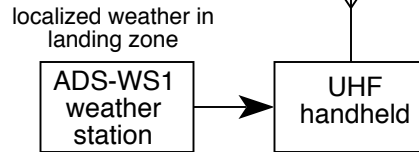
If HF frequency below 28.500 it opens it up to Technician class.

28.600 is 10M calling frequency.

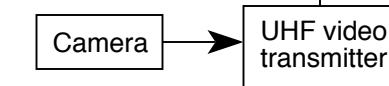


Weather Box

local windspeed, wind direction, temperature, barometric pressure

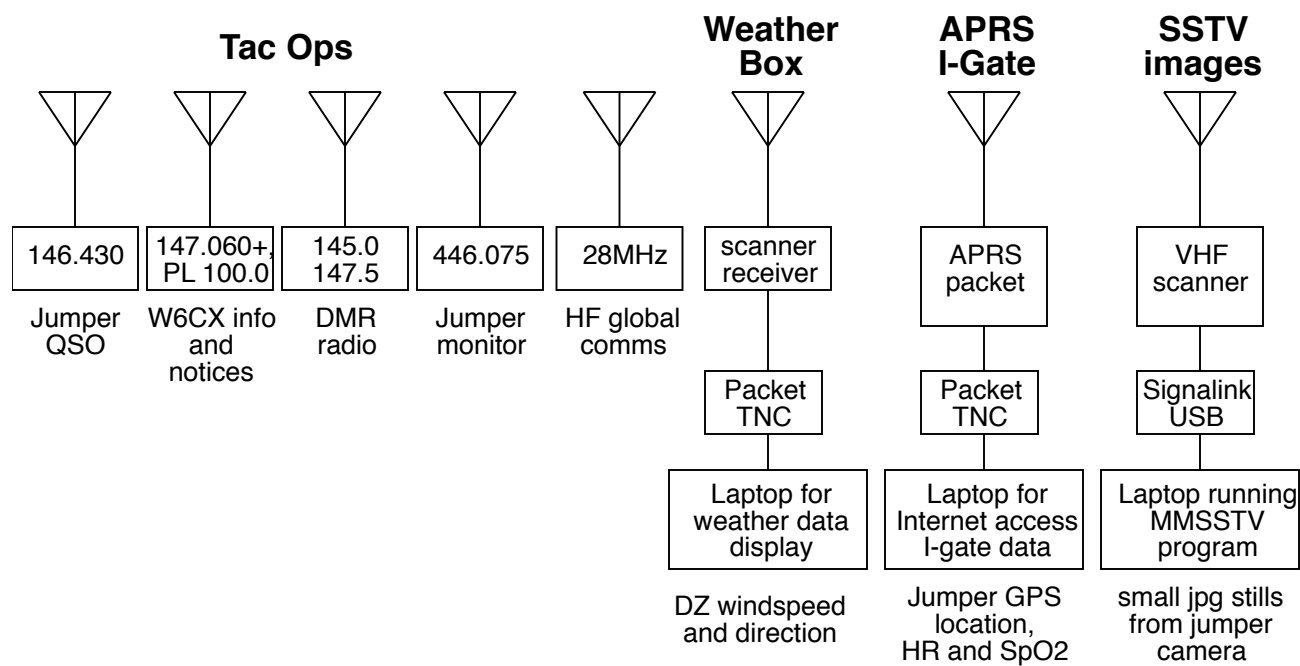


camera on small building in landing zone

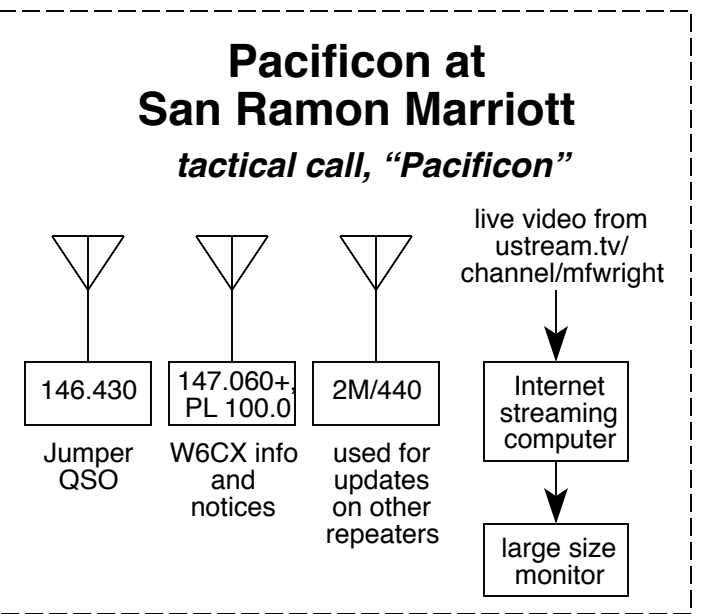
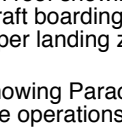
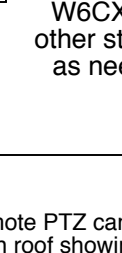
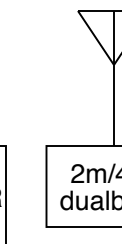
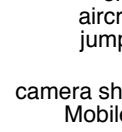
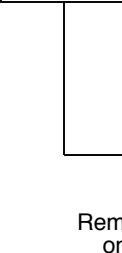
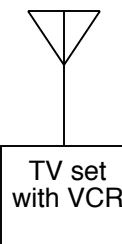
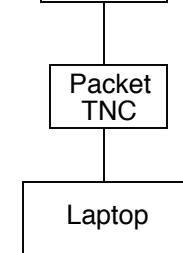
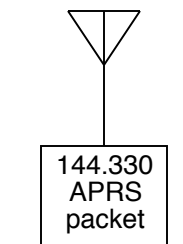


Byron Airport

tactical call, "Dropzone"



431.025 MHz packet data



TV sets are Sansui brand with built-in VHS decks and composite video outputs.

Michael Wright, K6MFW
 Mar 16, 2018
 Rev 5