

MISSION OBSERVER CHECKLIST

MISSION # _____ SORTIE # _____ DATE: 2025 / ____ / ____ TIME: LOCAL / ZULU

TARGET: _____ Winter +7 or Summer +6

TYPE OF MISSION: VISUAL, ELECTRONIC SEARCH, OR HEARING SEARCH / PHOTO RECONNAISSANCE / TRANSPORT / LIFE SAVING / _____

TYPE OF VISUAL SEARCH: EN ROUTE / CREEPING LINE / PARALLEL TRACK / POINT-BASED (EXPANDING SQUARE OR SECTOR) / CONTOUR (MOUNTAIN ONLY) _____

TYPE OF ELECTRONIC SEARCH: **ELT (OR PLB)** 121.500 MHz (VHF) / 243.000 MHz (Military Pilots - UHF - with Sweeping Tone) OR 406.038 MHz w/GPS or w/out GPS (with Digital Burst every 50s - w/ integrated analog 121.5 MHz Homing Beacon) OR **PRACTICE BEACON** (SAREX DF) 121.775 MHz

HEARING / AURAL SEARCH: _____

TYPE OF PHOTO MISSION: SPOT PHOTOGRAPHY / ROUTE PHOTOGRAPHY / PHOTOGRAPHIC MAPPING

TYPE OF IMAGING FLIGHT PATTERNS: 4 SQUARES IMAGING / BIRD'S EYE OVERVIEW / CIRCLING

IMAGE TYPE: AERIAL OBLIQUE / AERIAL NADIR / GROUND OBLIQUE / GROUND 360

SEARCH AREA OR

SCENARIO: _____ (7.5' QUADRANGLE: LAT 7.5 NM X LONG 5.7 NM)

CELL GRID # ____ CONVENTIONAL GRID # ____

(1/60° = 1' = NS = 6076 feet & EW = 4618 feet in Colorado / 0.01'=NS60ft&EW46ft / 0.001'=NS6ft&EW5ft)

AIR CREW: PIC: _____ CAP ID: _____ CELL # _____

MS: _____ CAP ID: _____ CELL # _____

MISSION BASE CALL SIGN: _____ OR FC ICP OR BM 4 REMOTE BASE CALL SIGN: _____ OR BM _____

PRIMARY MISSION BASE PHONE CONTACT # _____

AIR OPS PHONE CONTACT # _____

GROUND OPS PHONE CONTACT # _____

COMMUNICATIONS PHONE CONTACT # _____

RAMROD CODE: 0 ____ 1 ____ 2 ____ 3 ____ 4 ____ 5 ____ 6 ____ 7 ____ 8 ____ 9 ____

SAFETY OPERATIONS PHONE CONTACT # _____

GROUND TEAM 1 CALL SIGN: _____ GROUND TEAM 2 CALL SIGN: _____

ETD: ____:____ ETE: ____:____

HOBBS BEGINS: _____ TACHS BEGINS FOR WMIRS: _____

PRE-DEPARTURE RADIO CHECK @ ____:____ ON MAIN CHANNEL: **189-FNL R25P** OR ____ OR ON **GUARD 1**

DEPARTURE FROM MISSION BASE / WHEELS UP @ ____:____

IN SEARCH AREA / IN GRID @ ____:____ TARGET SIGHTED @ ____:____

COORDINATES: LAT: **N** ____ - ____ * ____

LONG: **W** ____ - ____ * ____

PICTURES: _____ **JPEG** _____ **WMIRS** _____

OUT SEARCH AREA / OUT GRID @ ____:____

-----VERY

IMPORTANT: ROLL CALL AT THE TOP AND/OR AT THE BOTTOM OF THE HOUR

REPLY CAP XXX - OPS NORMAL - WE ARE EN ROUTE / IN GRID / RTB / ETC...

ETA TO DESTINATION OR RETURN TO MISSION BASE IN ____ MINUTES OR @ ____:____

ARRIVAL AT MISSION BASE / WHEELS DOWN @ ____:____ HOBBS ENDS: _____

ELAPSED HOBBS FOR LOGBOOK AND FOR 104: _____

FUEL COST \$: _____ FUEL GALLONS: _____ TACHS ENDS FOR WMIRS: _____

FUEL MAX LOAD: C182 40 GAL 182T 40 GAL - TIRES PRESSURE MAIN 42 # FRONT 49 # - OIL SAE 20 W 50

NB CHANNELS: COM 1 (AM) – COM 2 (AM) – COM 3 (FM) – BECKER DF (AM RECEIVER ONLY)

FOR AIRCRAFT: Zone 13 **Channel 189 – FNL R25P** (TECHNISONIC-TDFM 136)

MOBILE & PORTABLE: Zone 2 Channel 8 – FNL R25 (EF JOHNSON)

SEARCH & RESCUE PRACTICE CHANNEL: CHANNEL **31**:155.160 MHz or **32**:155.235 MHz

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