AIRFIELD ASSESSMENT PROCEDURE

- Announce arrival
- Standard is left-hand pattern unless overflying camping; sensitive areas. Pattern may be dictated by topography, obstructions
- Fly overhead, 300 ft above pattern altitude, midfield, perpendicular to runway, if able. (If not, fly straight down runway at pattern altitude)
- Descend to pattern altitude on upwind; fly crosswind, then downwind
- Assess:
  - Runway condition
  - Slope
  - Wind indicators
  - Obstructions
  - Emergency areas (short/long of runway)
  - Other traffic in area or on ground
  - Go-around areas and flight path
  - Taxi and parking areas

LANDING

- Runway direction
- Type of landing (shortfield, over obstacle, etc.)
- Expected weight and pattern speeds
- Expected landing distance
- Go-around decision point
- Emergency options

TAXI IN

- Route
- Direction
- Hazards
- Prop wash - sensitive areas and camp sites

PARKING

- Area
- Hazards
- Sun and wind impact

SHUT DOWN

- Master Off
- Close flight plan
- Notify friends/family
- Tie down
OVERALL FLIGHT OBJECTIVES

☐ Flying to or from canyon strip; sightseeing enroute

MANDATORY EQUIPMENT
(Based on Objectives)
☐ Water, food, clothing, camping
☐ Tiedowns & control lock
☐ Personal Locator Beacon (PLB)
☐ Survival bag & vest with key items
☐ Aircraft maintenance grab bag
☐ Extra batteries for electronics
☐ Spare keys (aircraft; car)
☐ Medicine
☐ Firearms & bear spray (sealed container)

WEATHER
☐ Departure: ceiling, vis, temperature, winds, density altitude
☐ En route: ceiling, vis, winds, turbulence, temp/dewpoint spread
☐ Arrival: ceiling, vis, temperature, winds, density altitude

NOTAMS AND SUA
☐ TFRs
☐ Departure
☐ Enroute
☐ Arrival

AIRCRAFT PREFLIGHT
☐ Parking apron/area conditions
☐ Walk taxiway and runway for objects/holes
☐ Determine useable runway length
☐ Determine climb performance & obstructions
☐ Consider topography and special departure route

START
☐ Be noise sensitive
☐ Prop wash awareness
☐ Radio frequency

TAXI
☐ Airfield review: runway, parking, taxi routes
☐ Hazard or soft areas; blind areas
☐ Traffic awareness (pattern; other taxiing aircraft)
☐ Wind indicators
☐ Taxi route
☐ Run-up areas
☐ Power/prop wash sensitive areas

TAKEOFF
☐ Runway conditions and slope
☐ Wind
☐ Obstructions
☐ Takeoff direction
☐ Traffic awareness and deconfliction
☐ Type of takeoff (short field, soft field, flaps, etc.)
☐ Expected takeoff distance
☐ Takeoff abort point
☐ Abort actions

CLIMBOUT AND DEPARTURE
☐ Expected climb performance
☐ Obstructions
☐ Climb altitude and special departure route before turning enroute
☐ Initial enroute heading and altitude
☐ Emergency options
☐ Be noise sensitive

EN ROUTE
☐ Route of flight
☐ Terrain elevation; notable peaks
☐ Minimum obstruction clearance altitudes
☐ Planned altitudes
☐ Towers; hazards
☐ Expected fuel performance
☐ Fuel management plan (tank switch, timers set, etc.)
☐ Frequencies
☐ High traffic areas
☐ Emergency airfields; landing locations
☐ Winds
☐ Sun angle
☐ Abnormal conditions: white out; turbulence

ARRIVAL AIRFIELD REVIEW
☐ Prominent airfield landmarks (GPS coordinates?)
☐ Airfield layout, runway direction, slope
☐ Type of airfield and expected condition
☐ Location of wind indicators
☐ Obstacles
☐ Nearby terrain
☐ Unusual terrain or weather, surface conditions
☐ Visual illusions
☐ Frequencies
☐ Traffic awareness and deconfliction
☐ Potential areas short/long of runway if needed

NOTES: