

INSTRUMENT PROCEDURES GUIDE

I. Preflight Requirements (Ref. AR 95-1)

Planning: Before beginning a flight, the aircrew will acquaint themselves with mission procedures and rules. Preflight action for ALL flights will include an evaluation of the following:

A. NOTAMS: Check Notams PRIOR to and AFTER COMPLETION of flight planning (Ref Gen. Planning). Check Notam as follows. (Ref. AIM).

1. Army Aviation Flight Information Bulletin
2. Class I Notams-Service A Telecommunications System.
 - a. Notam-D
 - b. Notam-L = *N/A TO TELETYPE REPORTS*
 - c. FDC Notams
3. Class II Notams-check Notam-D, Notam-L, FDC Notams.
4. Graphic Notices and Supplemental Data

ALSO INCLUDE

5. Airport Facility Directory/IFR Supplement
+ Special Notices in IFR Suppl. (NAV-AIDS-RANGES + RADIALS)
6. FSS-Telephone + *TEL BASE OPNS/AIRFIELD OPN FOR SPECIFIC INF ON DEST/ALT, etc.*

B. DOD FLIP: and other Flight Information Data. Inventory DOD Flip for currency and completeness, Terminal area charts if required.

C. CHARTS AND MAPS: VFR Sectionals, Tactical Maps if required.

D. WEATHER REPORTS AND FORECASTS: Destination wx, Alternate wx, enroute wx, winds ALOFT, Temperatures, Freezing Levels, Sigmet/Airmets, Met watch Advisories, Forecast Altimeter Settings, DD 175-1 Briefing as appropriate.

E. ALTERNATE COURSE OF ACTION: Select alternate/Emer. airfields in case you are forced to terminate or alter your flight because of Hazardous weather, aircraft or aircrew Emergency, also select area of VFR WX if available.

OBTAIN DD 175-1 BRIEFING FOR EMER USE AIRFIELDS.

- F. AIRCREW QUALIFICATIONS, CAPABILITIES, LIMITATIONS:
(Ref AR 95-1) Determine if Co-pilot is rated in category, determine if co-pilot has a current instrument qualification in category, determine co-pilots capabilities based on Aviator History and Present aviation assignment, determine co-pilots limitations or restrictions which may be on DA Form 759 ie. ILS Restrictions.
- G. REPORTED OR EXPECTED TRAFFIC DELAYS: Obtained thru flight service station
- H. ROUTES, OBSTRUCTIONS, HAZARDS, AND EQUIPMENT REQUIREMENTS:
1. Routes: Check preferred routes with flight operations or FSS, SID's, Transitions, Sector ALT.
(Will TCA be entered or Transitioned in Route)?
 2. OBSTRUCTIONS: MOCA's, MEA's, MCA's, MRA's - check. VFR Sectional update for direct flights-New obstructions found in "Chums" or Airport Facility Directory. Semi-circular rule-for flight outside controlled airspace.
 3. HAZARDS: Check Migratory bird routes.
 4. EQUIPMENT REQUIREMENTS: Oxygen, Navigation Equipment, Survival Gear, Protective Flight Clothing, Hearing Protection Devices as required by TB MED 251. For air crew and passengers.
- I. WEIGHT AND BALANCE: Determine take off gross weight and compute MAX available torque, Insure a/c will remain within allowable center of gravity range throughout the entire flight.
- J. Cargo and Passengers: co-ordinate cargo pickup and drop off locations, Insure Passengers receive the required Safety Breifing-see-10/-10cl. Warning Hearing Protection devices, such as the Aviator helmet or ear plugs are required to be worn by ALL personnel in and around the aircraft during it's operation. (Ref. TB MED 251) prepare a manifest of aircraft occupants containing name, grade or rank, SSN, and Home Station, Note: this manifest is to be submitted to the airport manager or other authority as appropriate.
- K. TAKE OFF AND LANDING PERFORMANCE DATA: Refer to torque (Power) chart in operators manual.

Class 4
Type A1 → 5

- L. FUEL REQUIREMENTS: Consider ALL delays from take off to destination plus alternate if required (This includes practice Holding and approaches etc.)
- M. FLIGHT LOG: Prepare DA Form 2283 or other type flight log.
- N. FLIGHT PLAN: Complete a DD form 175 flight plan or FAA flt. Plan 7233-1 as appropriate. Use information from flight log. Note: Use GP manual to complete flt. plan DD175 for accuracy, use AIM to complete 7233-1 for accuracy.
- O. CO-PILOT/AIRCREW BREIFING: Breif ALL crew members, assign specific responsibilities as required in "Crew Duties" chapter of the operators manual. Note: Use co-pilot Breifing card also.
- P. NOTAMS: Re-check as Per Gen. Planning. Note: A re-check of Class I only is sufficeint.