

I. Altimetry Procedures

- I01. Solution for drift
- I02. Pressure line of position

J. Flight Planning Procedures

- J01. Route and altitude selection
- J02. Cruise control techniques
- J03. Decision points--PNR/ETP

METEOROLOGY

K. Basic Weather Principles

- K01. Air mass characteristics
- K02. Winds and pressure systems
- K03. Atmospheric stability and lapse rates
- K04. Fronts and frontal weather
- K05. Thunderstorms
- K06. Fog
- K07. Precipitation products
- K08. Troposphere details

L. High Altitude Weather Details

- L01. Jet streams
- L02. Clear air turbulence
- L03. Tropopause
- L04. Geostrophic wind
- L05. Forecasting weather movement
- L06. Stratosphere details

M. Aviation Weather Reports and Forecasts

- M01. Hourly sequence reports
- M02. Terminal forecasts
- M03. Area forecasts

N. Weather Charts--Theory and Interpretation of Data

- N01. Surface
- N02. Significant weather
- N03. Constant pressure
- N04. Tropopause/vertical wind shear

PLOTTING AND COMPUTING

O. Flight Planning Procedures

- 001. En route time
- 002. Fuel requirements and endurance
- 003. Planned takeoff or landing gross weight
- 004. Decision points

P. Positioning

- P01. Dead reckoning procedures--advance estimates and positions
- P02. Celestial fixes
- P03. Loran and radar fixes

- P04. Combined fix methods
- P05. Wind between fixes, computer solutions
- P06. Wind by air plot
- P07. Headings and courses--compass/grid
- P08. ETAs
- P09. Airspeed to maintain schedule
- P10. Drift by altimetry

Q. Special Solutions

- Q01. Latitude by meridian altitude--upper and lower transit
- Q02. Latitude by Polaris
- Q03. Compass deviation
- Q04. Star identification--star diagrams
- Q05. Search patterns
- Q06. Date/time calculations
- Q07. Line of sight computation
- Q08. Fixing position on coast line

STUDY MATERIALS

Federal Aviation Regulations

Part 63--Certification: Flight Crewmembers Other Than Pilots

Part 91--General Operating and Flight Rules

Part 121--Certification and Operations: Domestic, Flag, and Supplemental Air Carriers and Commercial Operators of Large Aircraft

ICAO Rules Of The Air

May be ordered from:

International Civil Aviation Organization
(Attention: Distribution Officer)
P.O. Box 400, Succursale: Place de
l'Aviation Internationale
1000 Sherbrooke Street West
Montreal, Quebec, Canada H3A2R2

Flight Navigator Written Test Guide, AC 63-2A
Air Navigation, H. O. Pub. No. 216, U.S.
Navy Hydrographic Office
Air Navigation, AF Manual 51-40
Aviation Weather, AC 00-6A
Aviation Weather Services, AC 00-45A

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