

IMC Rating

Aim: To be able to plan and conduct a flight under IFR in IMC as PIC and as single crewmember

Required: 25 hours post PPL (inc course) of which 10 PIC, 5 XC PIC. 15 hours instruction, of which instrument flight

Valid for: 25 months from test date

CRM	Crew Resource Mgmt Planning Passengers / Sterile	<ul style="list-style-type: none"> Planning ahead Personal organization Self briefing Management of passengers Emergency management: icing
ATC	Phraseology Division of focus	<ul style="list-style-type: none"> Basic, traffic service CTA / CTR transits Transponder setting VDR and Radar Holding phraseology Approach phraseology Filing / opening / closing flight plans
Procedures	ILS, LOC, NDB, SRA, (RNAV)	<ul style="list-style-type: none"> Approach plate interpretation Calculation of minima Entering and maintaining a hold Procedure / base turns Flying ILS, LOC, NDB, SRA, RNAV approaches Circling Missed approach procedures Bad weather circuits
Radio Aids	VOR, NDB, DME Select, Ident, Display Interpretation Tracking	<ul style="list-style-type: none"> VOR and NDB and DME <ul style="list-style-type: none"> How they work Selection, identification and display of Position fixing Wind corrections NDB homing vs tracking Interception and tracking of NDB and VOR radials
Instrument Flying	Scan development Full panel Partial panel Recovery from Unusual Att	<ul style="list-style-type: none"> Select, Hold, Trim Control vs performance instruments Normal scan Partial panel scan. Timed turns. S&L flight, turning, steep turns, climbing, desc Recovery from: descending turn, climbing turn, approach to stall, continuous 45° turn Enhanced FREDAI
Attitude Flying	Power + Attitude = Performance APT / PAT	<ul style="list-style-type: none"> Select, hold, trim Effect of configuration changes Maintenance of S&L Constant ROD descent
Basics	Pre flight checks Flight planning	<ul style="list-style-type: none"> IMC rating requirements, privileges Weather MSA calculation Pitot / static Recap on instruments Instrument checks (inc Nav aids) Radio check and setup