PRACTICAL
HRS IN
CONTRACTED AMO

AMO Practical Syllabus / 4TH TERM

S. No.	ATA Chapter Ref.	Syllabus/ Task	Hours Allotted
1	06	**Dimensions/Areas (MTOM, etc.):** a. Locate component(s) by station number. Perform symmetry check.	6
2	09	**Towing and Taxing:** a. Prepare for aircraft towing b. Tow aircraft Be part of aircraft towing team.	4
3	10	**Parking/Mooring storing and return to service:** a. Tie down aircraft. b. Park, secure and cover aircraft.	6
4	11	**Placard and marking:** a. Check aircraft for correct placards. b. Check aircraft for correct markings.	2
5	07	**Lifting and Shoring** Assist in : a. Jack aircraft nose or tail wheel. b. Jack complete aircraft. c. Sling or trestle major component.	8
6	08	**Leveling and weighing:** Level aircraft.	8
7	26	**Fire protection:** Portable Hand Fire Extinguisher- a) Inspect for proper operating pressure, b) condition, security of installation, c) servicing date	4
8	25	**Equipment and Furnishings:** a. Check seats/belts for security. b. Check emergency equipment. c. Check ELT for expiry date and physical condition.	6
9	53	**Fuselage Location**	4
10	54	**Nacelles/Pylons Location**	2
11	55	**Stabilisers Location**	2
12	56	**Windows Location**	2
13	--	Safety precautions observed in the hanger and while working on the aircraft.	3
14	--	Familiarization with fuselage and different parts of the aircraft; fixed and movable surfaces.	3
Total Hours =			**60 Hours**

Sl. No.	ATA Ref.	Syllabus/ Task	Hours Allotted
1	24	**Electrical Power:** a) Check Switches and Circuit Breaker Panel, b) Terminal Blocks, c) Junction Boxes – broken or loose terminals. d) Inspect wiring and terminals for condition and security.	4
2	76	**Engine Controls:** a. Check rig of RPM control. b. Check controls for correct assembly and locking. c. Check controls for range and direction of movement. d. Check for evidence of leakage.	8
3	77	**Engine Indicating:** Instrument Lines, Fittings, Ducting, and Instrument Panel Wiring - Check for proper routing, support, and security of attachment.	6
4	78	**Exhaust:** a. Inspect welded repair. b. Inspect for cracks and security. Special check in area of heat exchanger. c. Check for abrasions, chafing, security, proper routing and support, and check for evidence of deterioration.	4
5	12	**Servicing:** a. Refuel aircraft. b. Defuel aircraft c. Check / adjust tire pressures. d. Check / replenish oil level. e. Check/ replenish hydraulic fluid level. f. Grease aircraft.	14
6	05	**Time limits/maintenance checks:** a. 100 hour check b. Assist carrying out a scheduled maintenance check in accordance with AMM c. Review aircraft maintenance log for correct completion d. Review records for compliance with airworthiness directives. e. Review records for compliance with component life limits.	24
		Total Hours =	**60 Hours**

PRACTICAL HRS IN CONTRACTED AMO

AMO Practical Syllabus / 5TH TERM

Sl. No.	ATA Chapter Ref.	Syllabus/ Task	Hours Allotted
1	**27**	**Flight Controls:** a. Inspect primary flight controls and related components i.a.w. AMM. b. Extending/retracting flaps. c. Adjust trim tab. d. Adjust control cable tension. e. Check control range and direction of movement. f. Check for correct assembly and locking. g. Functional test of primary flight controls. h. Functional test of flap system.	12
2	**28**	**Fuel Systems:** a. Check filters. b. Flow check system. c. Inspect plumbing and components for mounting and security d. Check vents for obstruction and proper positioning.	8
3	**32**	**Landing Gear:** a. Check master cylinders and parking brake mechanism for condition and security. Check fluid level and test operation of toe and parking brake. b. Check for leaks, condition, and security and hoses for bulges and deterioration. Check brake lines and hoses for proper routing and support. c. Bleed brakes. d. Main wheel- Examine for cracks, dents, corrosion, condition of paint. Examine chips, scratches etc on the steel spring and the axles for condition and security. e. Nose wheel- Inspect torque links, steering rods, and boots for condition and security of attachment. Check strut for evidence of leakage and proper extension. Check strut barrel for corrosion, pitting, and cleanliness. Check shimmy damper and/or bungees for operation, leakage, and attach points for wear and security. f. Nose Gear Steering- Check for wear, security, and proper rigging.	24
4	**60A**	**Standard Practices — Propeller**	4
5	**61**	**Propellers/Propulsion:** a. Check operation during ground run. b. Check track.	12
		Total Hours =	**60 Hours**

PRACTICAL HRS IN CONTRACTED AMO

AMO Practical Syllabus / 6TH TERM

S. No.	ATA Chapter Ref.	Syllabus/ Task	Hours Allotted
1	**57**	**Wings:** Wing Surfaces and Tips - Inspect for skin damage, loose rivets, and condition of paint.	6
2	**52**	**Doors:** a. Inspect passenger door i.a.w. AMM. b. Doors- and inspect hinges, doors, seals, and attaching parts for wear and security. Check operation.	6
3	**33**	**Lights:** a. Landing Lights - Check operation, condition of lens, and security of attachment. b. Navigation light - Check operation, condition of lens, and security of attachment.	6
4	**37**	**Vacuum:** a. Inspect the vacuum system i.a.w. AMM.	4
5	**71**	**Power Plant:** a. Engine Baffles - Check condition and security of attachment. b. Cowling - Inspect for cracks, dents, other damage and security of cowl fasteners. c. Assist in engine start (manual mode).	14
6	**73**	**Engine Fuel and Control:** a. Engine-Driven Fuel Pump - Check for evidence of leakage, security of attachment, and general condition. b. Fuel Injection System- Check system for security and condition.	6
7	**74**	**Ignition:** a. Spark Plugs - Remove, clean, analyze, test, gap, and rotate top plugs to bottom and bottom plugs to top. b. Ignition Harness and Insulators- Check for proper routing, deterioration, and condition of terminals. c. Ignition Switch and Electrical Harness- Inspect for damage, condition, and security.	6
8	**79**	**Oil:** a. Change oil. b. Check filter(s).	4
9	**80**	**Starting:** a. Familiarization with the piston engine starting procedure.	8
		Total Hours =	**60 Hours**