

CBT TNA – A380 40HR

Training Needs Analysis – A380 40 Hour (RR Trent 900) CBT Online Course

This is the principal contents requirements for the A380 40 Hour course and should be interpreted as follows:

**ATA Ref** is intended to be as per ATA 100 Chapters and **ATA\_Description** offers a summary of Numerical Chapter.

**Basic** – This is the intended learning time attributed to the content associated with each ATA and shall be measured in Hours or Fractions of Hours; for example, 0.5 is considered 30 Minutes.

**Engines** – This is a multiple intended for engine ATA’s only and shall offer a multiple where engines associated with a course is greater than 1.

**Total** – This is the total learning time per ATA and considers the additional engines impact on total learning time.

**Questions Min** – This is based on learning hours and as such a minimum of 1 question is associated with a learned ATA; where an hour total is in fractions then the minimum question is rounded up in all cases – note that this is a minimum and questions in examinations may exceed this number but must not fall below.

ATA_Ref	ATA_Description	Basic	Engines	Total	Questions Min
01	INTRODUCTION	0.50	0	0.5	1
05	PERIODIC INSPECTIONS	0.50	0	0.5	1
06	DIMENSIONS AND AREAS	0.50	0	0.5	1
07	LIFTING AND SHORING	0.50	0	0.5	1
08	LEVELING AND WEIGHING	0.25	0	0.25	1
09	TOWING AND TAXIING	0.25	0	0.25	1
10	PARKING, MOORING, STORAGE AND RETURN TO SERVICE	0.50	0	0.5	1
11	PLACARDS AND MARKINGS	0.00	0	0	0
12	SERVICING - ROUTINE MAINTENANCE	0.75	0	0.75	1
20	STANDARD PRACTICES - AIRFRAME	0.75	0	0.75	1
21	AIR CONDITIONING	1.00	0	1	1
22	AUTO FLIGHT	1.00	0	1	1
23	COMMUNICATIONS	1.00	0	1	1

ATA_Ref	ATA_Description	Basic	Engines	Total	Questions Min
24	ELECTRICAL POWER	1.00	0	1	<b>Questions Min</b>
25	EQUIPMENT / FURNISHINGS	1.00	0	1	1
26	FIRE PROTECTION	1.00	0	1	1
27	FLIGHT CONTROLS	1.00	0	1	1
28	FUEL	1.00	0	1	1
29	HYDRAULIC POWER	1.00	0	1	1
30	ICE AND RAIN PROTECTION	1.00	0	1	1
31	INDICATING / RECORDING SYSTEMS	1.00	0	1	1
32	LANDING GEAR	1.00	0	1	1
33	LIGHTS	0.75	0	0.75	1
34	NAVIGATION	1.00	0	1	1
35	OXYGEN	0.75	0	0.75	1
36	PNEUMATIC	1.00	0	1	1
38	WATER / WASTE	0.75	0	0.75	1
42	INTEGRATED MODULAR AVIONICS	1.00	0	1	1
44	CABIN SYSTEMS	0.75	0	0.75	1
45	CENTRAL MAINTENANCE SYSTEM (CMS)	0.75	0	0.75	1
46	INFORMATION SYSTEMS	1.00	0	1	1
47	INERT GAS SYSTEM	0.00	0	0	1
49	AIRBORNE AUXILIARY POWER	1.25	0	1.25	1
51	STANDARD PRACTICES AND STRUCTURES - GENERAL	1.00	0	1	1
52	DOORS	0.75	0	0.75	1
53	FUSELAGE	1.25	0	1.25	1
54	NACELLES / PYLONS	0.50	0	0.5	1
55	STABILIZERS	0.75	0	0.75	1
56	WINDOWS	0.50	0	0.5	1
57	WINGS	0.75	0	0.75	1
70	STANDARD PRACTICES - ENGINE	0.75	1	0.75	1

ATA_Ref	ATA_Description	Basic	Engines	Total	Questions Min
71	POWER PLANT - GENERAL	1.00	1	1	1
72	ENGINE	1.00	1	1	2
73	ENGINE - FUEL AND CONTROL	1.25	1	1.25	2
74	IGNITION	0.50	1	0.5	2
75	BLEED AIR	0.50	1	0.5	1
76	ENGINE CONTROLS	0.50	1	0.5	2
77	ENGINE INDICATING	0.50	1	0.5	2
78	EXHAUST	1.00	1	1	1
79	OIL	1.00	1	1	2
80	STARTING	0.50	1	0.5	2
	Total Summary Count	31	9	40	52

**Totals Note:**

Total Airframe Hours: **YELLOW**

Total Engine Hours including Airframe: **BLUE**

Minimum Questions associated with the course: **RED**

This course is intended to be a learning course with **40 learning hours**.

This course covers only **theoretical knowledge** and while picture and video might be used as required it shall not be intended for practical assessment or instruction.

Course Content : **Level I:** General Familiarization – For personnel who must be familiar with current equipment and have a general knowledge of turbine powered transport aircraft.

Level I Guidance:

Level I: A brief overview of the airframe, systems and powerplant as outlined in the Systems

Description Section of the Aircraft Maintenance Manual/Instructions for Continued Airworthiness.

Course objectives: Upon completion of Level 1 training, the student will be able to:

- (a) provide a simple description of the whole subject, using common words and examples, using typical terms and identify safety precautions related to the airframe, its systems and powerplant.
- (b) identify aircraft manuals, maintenance practices important to the airframe, its systems and powerplant.
- (c) define the general layout of the aircraft's major systems.
- (d) define the general layout and characteristics of the powerplant.
- (e) identify special tooling and test equipment used with the aircraft.

Note:- Usage of Level II is permitted where required to aid learning and understanding. This should be kept to a minimum throughout the course and utilised only for aiding learning; level II matter is not to be examined and level II questions accordingly shall not be formed for this course.

Note:- Usage of Level III is not permitted in the material for this course.

Online Questions are based on modular learning and shall be presented following completion of a module – it shall be possible to progress modules without completing the associated questions although no certificate or course completion will be considered without all module questions accomplished to a minimum **pass rate of 75%**.

Queries and concerns on examination material shall only be addressed by examination manager.