

WELCOME

The publishers of this Aviation Maintenance Technician Certification Series welcome you to the world of aviation maintenance. As you move towards EASA certification, you are required to gain suitable knowledge and experience in your chosen area. Qualification on basic subjects for each aircraft maintenance license category or subcategory is accomplished in accordance with the following matrix. Where applicable, subjects are indicated by an "X" in the column below the license heading.

For other educational tools created to prepare candidates for licensure, contact Aircraft Technical Book Company.

We wish you good luck and success in your studies and in your aviation career!

REVISION LOG

VERSION	EFFECTIVE DATE	DESCRIPTION OF CHANGE
001	2016 01	Module Creation and Release
002	2017 05	Format Update and Minor Corrections
002.1	2019 07	Added "Solving Word Problems" to end of Sub-Module 02.
002.2	2020 10	Style and Layout updates.
002.3	2023 04	Cubic feet to cubic meters multiplier changed from 2.831 to 0.028 317, page R.1. Inclusion of Measurement Standards for clarification, page iv.

MODULE EDITIONS AND UPDATES

ATB EASA Modules are in a constant state of review for quality, regulatory updates, and new technologies. This book's edition is given in the revision log above. Update notices will be available Online at www.actechbooks.com/revisions.html

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COMMON MULTIPLIERS TO CONVERT TO SI

CONVERT FROM	TO	MULTIPLY BY
Distance		
Inch (in)	Meter (m)	0.025 4
Foot (ft)	m	0.304 8
Yard (yd)	m	0.914 4
Mile (mi)	Kilometer (km)	1.609
Velocity		
ft/s	m/s	0.304 8
mi/h or mph	km/h	1.609
mi/h or mph	m/s	0.447
Area		
in ²	Square Meters (m ²)	0.000 645
ft ²	m ²	0.092 9
mi ²	m ²	2 589 998
Volume		
in ³	Cubic Meter (m ³)	0.000 016 387
ft ³	m ³	0.028 317
Quart (qt)	m ³	0.000 946
Gallon (U.S. liquid) (gal)	m ³	0.004 546
Weight		
Ounce (oz)	Kilograms (kg)	0.028 35
Pound (lb)	kg	0.453 6
Ton (short 2 000 lbs)	kg	907.185
Tonne	kg	1 000
Pressure		
Pounds Per Square Inch (psi)	kiloPascals (kPa)	6.897 757
Pounds Per Square Inch (psi)	Pascals (Pa)	6.894 757
Temperature		
°F (Fahrenheit)	°C	(t°F - 32) / 1.8
°C (Celsius)	°K (Kelvin)	t°C + 273.15
°K (Kelvin)	°C	t°K + 273.15