



# General Authority of Civil Aviation

Syrian Arab Republic — Electronic Aeronautical Information Publication

## GEN 2.6

GEN

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## Conversion Tables

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### GEN 2.6 — Conversion Tables

The following conversion factors are provided in accordance with ICAO Annex 5 (Units of Measurement).

#### Distance

FROM	TO	FACTOR
Nautical Miles (NM)	Kilometres (km)	× 1.852
Kilometres (km)	Nautical Miles (NM)	× 0.53996
Feet (ft)	Metres (m)	× 0.3048
Metres (m)	Feet (ft)	× 3.28084

## Speed

FROM	TO	FACTOR
Knots (kt)	km/h	× 1.852
km/h	Knots (kt)	× 0.53996

## Temperature

$$^{\circ}\text{C} = (^{\circ}\text{F} - 32) \times 5/9 \mid ^{\circ}\text{F} = (^{\circ}\text{C} \times 9/5) + 32$$

## Pressure

FROM	TO	FACTOR
hPa (mbar)	inHg	× 0.02953
inHg	hPa (mbar)	× 33.8639

## Standard Conversion Factors

FROM	TO	FACTOR
1 NM	Kilometres	1.852 km
1 NM	Statute Miles	1.15078 SM
1 foot	Metres	0.3048 m
1 metre	Feet	3.28084 ft
1 knot	km/h	1.852 km/h
1 knot	m/s	0.5144 m/s
1 hPa	inches Hg	0.02953 inHg
1 inHg	hPa	33.864 hPa

FROM	TO	FACTOR
1 kg	Pounds	2.20462 lb
1 US gallon	Litres	3.78541 L
1 Imp gallon	Litres	4.54609 L

### Temperature Conversion

°C to °F:  $^{\circ}\text{F} = (^{\circ}\text{C} \times 9/5) + 32$  | °F to °C:  $^{\circ}\text{C} = (^{\circ}\text{F} - 32) \times 5/9$

°C	°F	°C	°F
-40	-40	10	50
-30	-22	15	59
-20	-4	20	68
-10	14	30	86
0	32	40	104

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