



## ATR-72 Report



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## Chapter 1. Aircraft

### 1.1. Introduction

The ATR-72 is a 2 engine TURBOPROP, able to seat 68 passengers.

### 1.2. Fuselage

In this section are presented all the geometrical parameters of the fuselage of the ATR-72 . The ATR-72 has a pressurized fuselage.

**Table 1.1. Fuselage Specifications**

Parameter	Value
Number of decks	1
Roughness	0.0 m
Length	27.165999999999997 m
Nose length	4.0640336 m
Cabin length	16.842919999999999 m
Tail length	6.259046399999999 m
Nose length ratio	0.1496
Cabin length ratio	0.62
Tail length ratio	0.2304
Cabin width	2.865 m
Cabin height	2.6513999999999998 m
Nose fineness ratio	1.4745426909475585
Cabin fineness ratio	6.111072649648972
Tail fineness ratio	2.270953449159876
Fuselage fineness ratio	9.856568789756405
Height from ground	0.6599999999999999 m