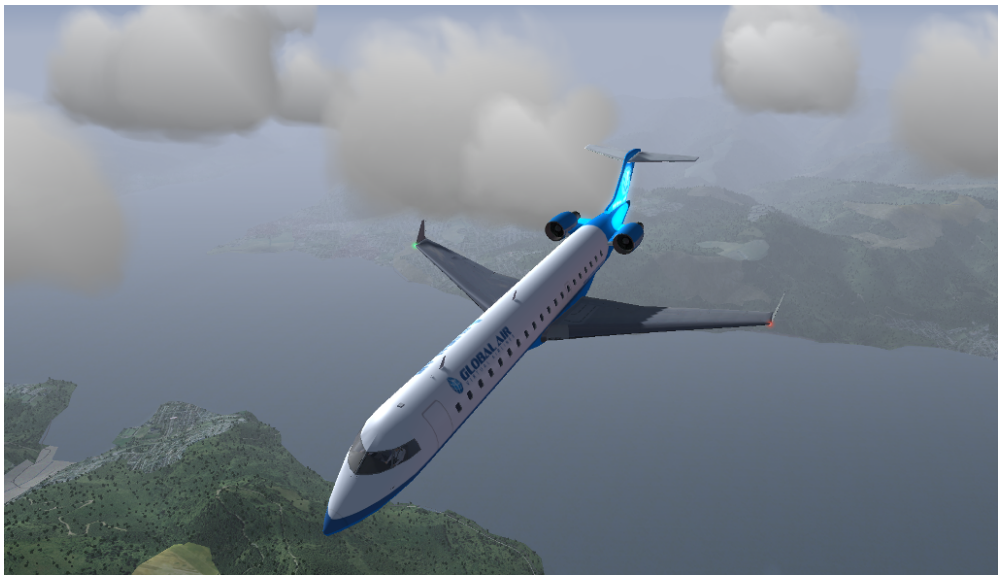
Flightgear Documentation

Bombardier CRJ 700 Series

For Flightgear v3.5



Daniel M. D-JSB

July 5, 2015

Contents

1 Introduction **3**
- 1.1 Changelog . . . 3
- 1.2 Credits . . . 3
- 1.3 License . . . 3

2 Systems Overview **4**
- 2.1 General Model Overview . . . 5
- 2.2 Flightdeck . . . 5
- 2.3 Doors . . . 5
- 2.4 Auxilliary Power Unit . . . 5
- 2.5 Engine Indicating and Crew Alerting System (EICAS) . . . 5
- 2.6 Automatic Flight Control System . . . 5
- 2.7 Communication . . . 5
- 2.8 Electrical System . . . 5
- 2.9 Emergency Equipment . . . 5
- 2.10 Flight Controls . . . 5
- 2.11 Flight Instruments . . . 5
- 2.12 Fuel System . . . 5
- 2.13 Hydraulic System . . . 5
- 2.14 Anti Ice System . . . 5
- 2.15 Landing Gear . . . 5
- 2.16 Airplane Lights . . . 5
- 2.17 Navigation Systems . . . 5
- 2.18 Bleed Air System . . . 5
- 2.19 Main Engines . . . 5

3 Flying the CRJ **6**
- 3.1 Starting Up . . . 6
- 3.2 Takeoff Procedure . . . 6
- 3.3 Cruise Flight . . . 6
- 3.4 Descent . . . 6
- 3.5 Landing . . . 6

4 Checklists **7**

1 Introduction

1.1 Changelog

1.2 Credits

1.3 License

2 Systems Overview

2.1 General Model Overview

2.2 Flightdeck

2.3 Doors

2.4 Auxilliary Power Unit

2.5 Engine Indicating and Crew Alerting System (EICAS)

2.6 Automatic Flight Control System

2.7 Communication

2.8 Electrical System

2.9 Emergency Equipment

2.10 Flight Controls

2.11 Flight Instruments

2.12 Fuel System

2.13 Hydraulic System

2.14 Anti Ice System

2.15 Landing Gear

2.16 Airplane Lights

2.17 Navigation Systems

2.18 Bleed Air System

2.19 Main Engines

3 Flying the CRJ

3.1 Starting Up

3.2 Takeoff Procedure

3.3 Cruise Flight

3.4 Descent

3.5 Landing

4 Checklists