MRJ
Mitsubishi Regional Jet

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MRJ

Mitsubishi Regional Jet

Vision

Applying advanced mainline jet technology to regional jet
and create the new standard for next-generation regional jets.
Offering unprecedented values for environment, passengers, and airlines.

ENVIRONMENT
Lower Fuel Burn,
Noise & Emissions

PASSENGERS
More Comfortable
Cabin

AIRLINES
More Efficient
Aircraft

Overview of the MRJ

The MRJ (Mitsubishi Regional Jet) is the next generation regional jet which will offer both top-class operational economy and outstanding cabin comfort.
By featuring a game-changing engine, state-of-the-art aerodynamic design, & noise analysis technology, the MRJ will significantly cut fuel consumption, noise & emissions.
The MRJ will have a four-abreast seat configuration, with large overhead bins, and also feature an innovative slim seat that offers heightened comfort to passengers.

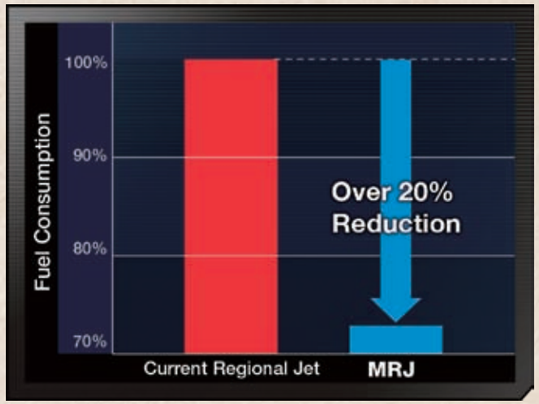
Mitsubishi Regional Jet

Market Demand

Passenger traffic is expected to be about 3 times higher after 20 years.
Demand for 70 to 90-seat aircraft for the next 20 years will be over 5,000 units due to the market trend of "up-sizing" from 50-seat RJs and route-transfers from mainline jets to large RJs in consequence of high fuel price and low passenger yield.

Low Operating Cost

The MRJ will achieve significantly lower operating costs than currently operating regional jets due to the reductions in fuel consumption, noise and emissions.
Advanced aerodynamics and weight reduction achieved through cutting-edge technology with the use of composite materials, and a newly developed fuel-efficient next-generation engine all contribute to an over 20% reduction in fuel consumption compared with other regional jets currently in operation.
With these achievements, the MRJ contributes to enhanced airline competitiveness and profitability.



Maintenance

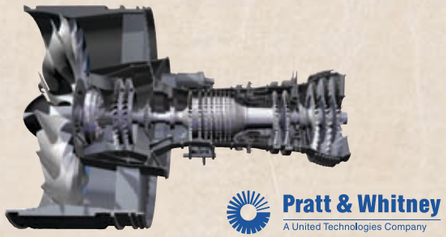
Maintainability has been considered from the initial design phase with use of 3D digital data, and the MRJ will achieve both high reliability and low maintenance cost.

Support

We provide technical support, operational support, and spare parts support on a 24-Hr/365-days basis and continue to solve customer problems promptly.

Engine Benefits

The MRJ will be powered by the PurePower® PW1000G engines by Pratt & Whitney which will deliver significant operating cost and environmental benefits through increased efficiency.
The engine's low-pressure system operates at high speeds for peak efficiency, while the fan operates at slower speeds for both optimum efficiency and significantly less noise. Better efficiency means fewer engine stages are required, reducing airfoil count, engine weight and operating cost.



Flight Deck

The MRJ will feature a human centered flight deck with Fly-By-Wire. The flight deck will be equipped with 4 large Liquid Crystal Displays (LCDs) (36×28 cm / 14×11 in) to enhance situation awareness.