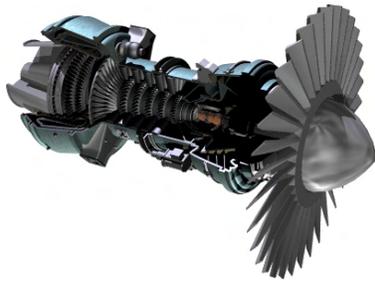


Airflow

Operation

Turbine Stages

Collapse Stages



Technical Specification LV3200

Fan Tip Diameter (inches)	68.5	Design RPM	13,000
Length, flange to flange	128	Exhaust Jet Velocity (ft/s)	1917
Takeoff thrust	29,000 -31,500 lb	Turbine pressure ratio (t-t)	1.9
Flat rated temperature.	86°	Efficiency (t-t%)	86.4
Bypass ratio	4.75 - 5.1	Overall pressure ratio	27 -29.8
Flat rated temperature	89°	Loading (BTU/h/ft3/atm)	1.24E+07

Global Corp offers a full line of gas turbine engines for a variety of applications. Covering a range from 400 to 40,000 horsepower, our engines power both marine vehicles as well as aircraft. The LV3200 is the most recent commercial product to be developed at Global Corp. This new engine covers the 28,000 to 34,000 pound thrust class and has been designed specifically for 200-passenger aircraft. It is currently offered on the AirShuttle K218, part of the successful K200 aircraft family and will enter service in the spring of 2006.

The LV3200 builds on proven technology gleaned from other Global Corp advanced engine programs to deliver the lowest cost of ownership for 200-passenger aircraft operators. Global Corp has incorporated technological advances in the LV3200 that enable a

reduction in parts count. With fewer parts, the engine has a lower acquisition and reduced maintenance cost. The LV3200 meets all current and anticipated noise and emissions requirements to provide longevity and high residual value. With reduced noise levels it will provide better revenue benefits, since the LV3200 will enable flights into many airports that have curfews and noise quotas.

For airlines contemplating the future acquisition of new 200-passenger aircraft, the LV3200 meets the requirement for low cost and clean, quiet, reliable and durable power.

In the last two decades, air traffic volume has increased considerably, whereas the total quantity of fuel consumed has remained almost

unchanged. The LV3200 follows the trend towards increased fuel efficiency. This has been achieved by raising the operating temperatures as well as the use of efficient aerodynamic design and by the use of lightweight materials. In order to further increase the efficiency of the LV3200 the clearance distance between the blade tip and casing has also been reduced. This increase in efficiency can save airlines significant operating costs. The implementation of abrasion-resistant coatings in the LV3200 increases the surge margin, thus increasing the stability and active safety of engine flow conditions.