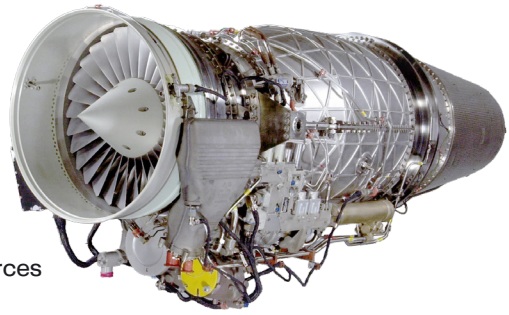
Beechcraft M-346N F124 engine



Ready now. Built here.

Readiness starts in the training pipeline

The M-346 training system is currently used by multiple air forces

- Currently training pilots for fifth-generation frontline aircraft
- F124 availability enables exceptional pilot production and operational readiness

Ready now

- Mature platform
- In production
- Supports schedule confidence
- Avoids unnecessary platform-development delay

Proven

- Known architecture
- Extensive military operating history
- Technical confidence

Built here

- U.S. manufacturing
- Wichita and Phoenix production
- Skilled workforce
- Expanding defense industrial-base capacity

A military engine with real operational experience

The F124 family has accumulated more than 1.5 million operating hours

- All operating experience comes from military platforms
- Used in advanced trainers and frontline fighter attack aircraft
- The M-346 is operated by multiple air forces including NATO countries
- F124 has a robust, qualified, maneuvering capability over 9 Gs
- F124 is qualified over Mach 1 in hot-day conditions at sea level
  International Flight Training School in Europe has trained pilots from 15 countries, including USAF, in the M-346

Built around mission availability

13 Years

The world's largest M-346 fleet has achieved 13 years of 100% logistical availability, with zero missed training sorties due to engine availability.

2 Events

Since service entry in 2012, the F124-GA-200 fleet has experienced only two in-flight shutdowns, with both aircraft returning safely and corrective actions preventing recurrence.

4,900+ Hrs

Reliability exceeds 4,900 equivalent flight hours between unscheduled engine removals.

Honeywell Aerospace

Purpose-built military propulsion

- Designed specifically for advanced trainer and fighter-attack missions
- High thrust-to-weight ratio design
- Low-bypass military turbofan architecture

Maintenance designed around readiness

- Modular engine architecture
- Modules can be repaired and replaced independently, maximizing aircraft availability
- Supports rapid return-to-service operations
- No engine balancing required during module replacement
- Reduces maintenance burden across the fleet

Proven in real operating conditions

Flown daily in sandy, dusty desert conditions and salt-water coastal locations

Resistant to birdstrikes

- **400+** birdstrikes reported across F124 family in coastal environments
- **0** caused in-flight shutdowns
- **75%** of engines returned to service within one day

F124-GA-200 performance	
Thrust	6,280 lbf
TSFC	0.790 lbm/hr/lbf
Fuel flow	4,961 lbm/hr
Bypass ratio	0.456
Compression ratio	19.5
MTBUR	4,900+ hours

Max power, uninstalled, sea level, static, standard day conditions



Expanding U.S. production capability

Built here is more than a slogan, it's a manufacturing strategy

- Production will be in Phoenix, Arizona
- Manufacturing, testing and repair capability support domestic production objectives
- Supports multiple U.S. defense programs

Contact us

Chris Hawley

Sr. Director, Aircraft Manufacturing Accounts,
Honeywell Aerospace
+1 (928) 792-0954
christopher.hawley@honeywellaerospace.us

Steve Schreiber

Director BD, Navy & Marine Corps
Defense & Space, Honeywell Aerospace
+1 (277) 215-1645
steven.schreiber@honeywellaerospace.us

Honeywell Aerospace

For more information

honeywellaerospace.com

Honeywell Aerospace

1944 East Sky Harbor Circle
Phoenix, AZ 85034

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