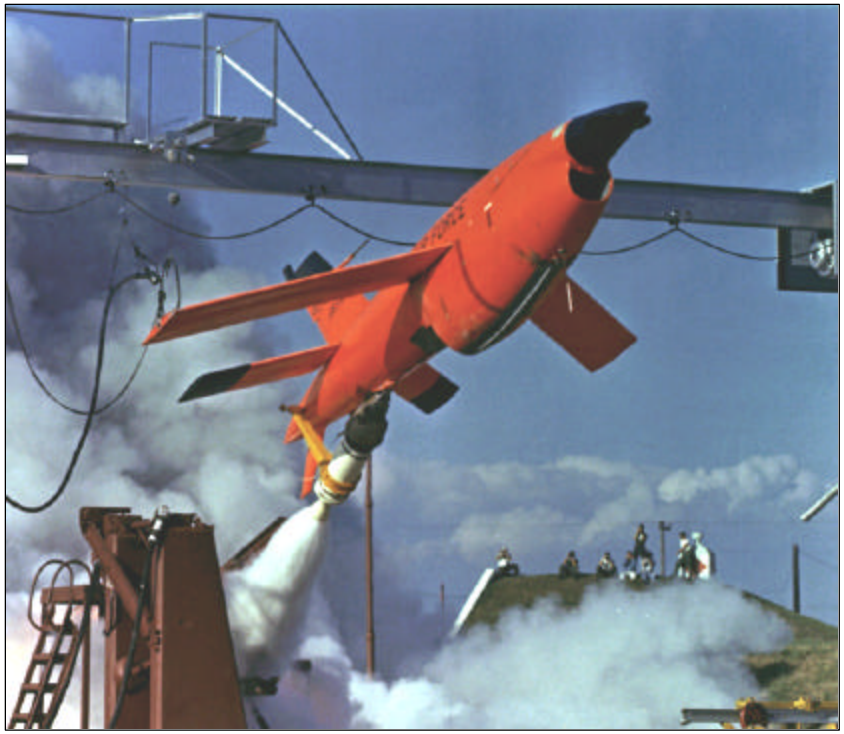
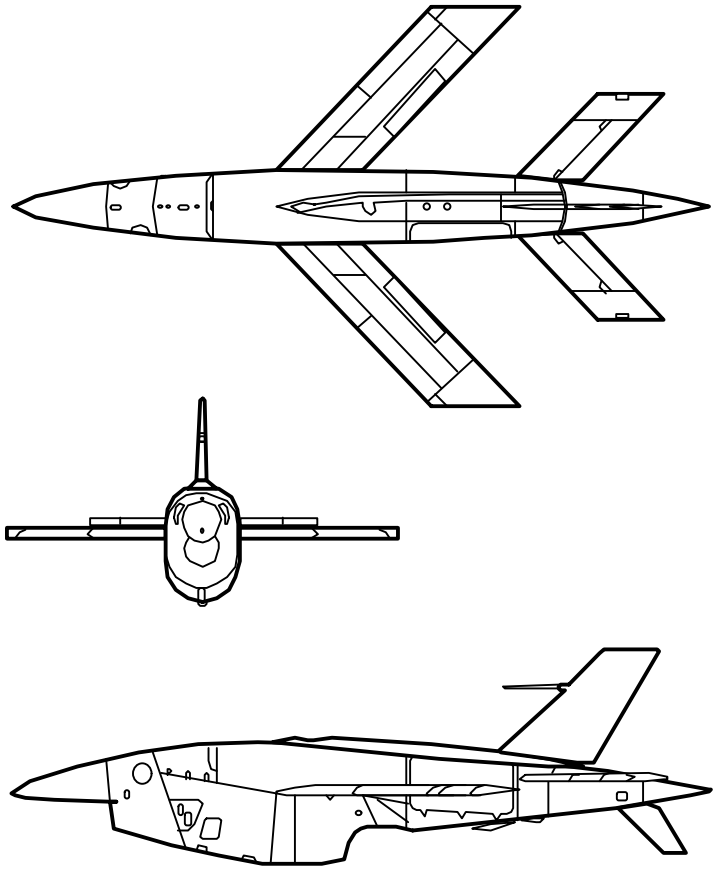
BQM-34 Firebee



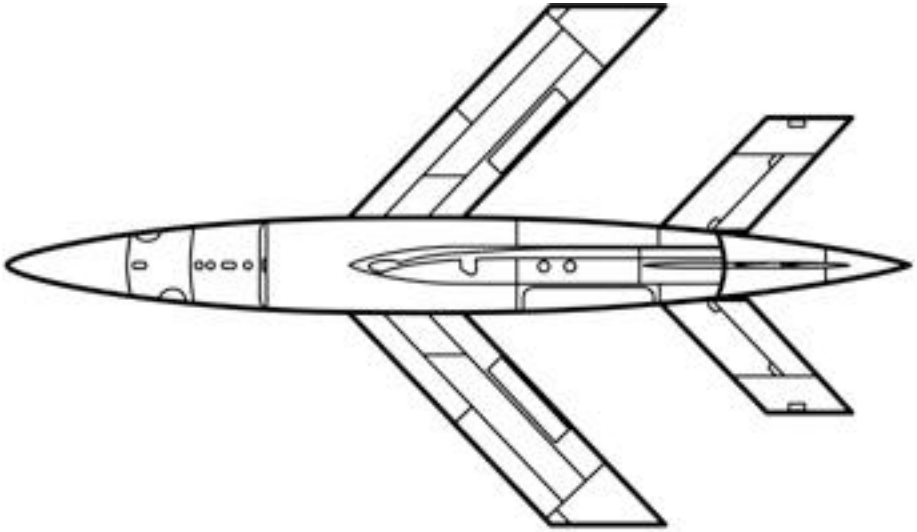


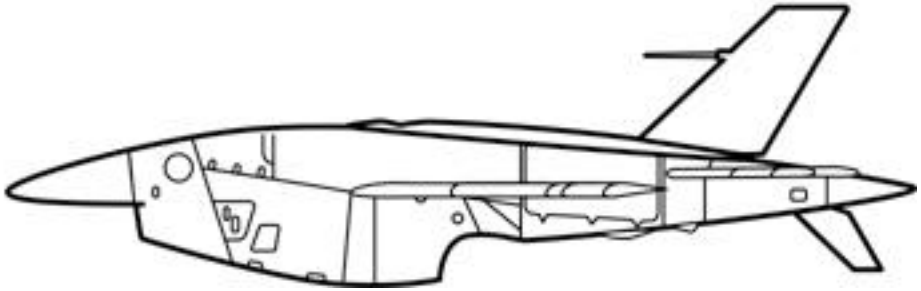
BQM-34 Firebee History

1949	XQ-2 Q-2A KDA-1, KDA-4
1958	Q-2C ➡ BQM-34A
1971	A/A37G-8A Analog Flight Control System
1976	ITCS/DTCS BQM-34S Designation, Navy
1979	J85-7 Engine/3-AXIS Flight Control
1989	J85-100 and Digital Flight Control
1999	Proportional Flight Control and GPS/INS Navigation

BQM-34 Firebee 3-View

Length	**22.9 Feet**
Wingspan	**12.9 Feet**
Height	**6.7 Feet**
Max Gross Weight	**3,400 Pounds**
Speed (Max)	**Mach 0.97**
Service Ceiling	**60,000 Feet**
Endurance	**115 Minutes**
Engine	**TCAE J-69 or GE J-850**





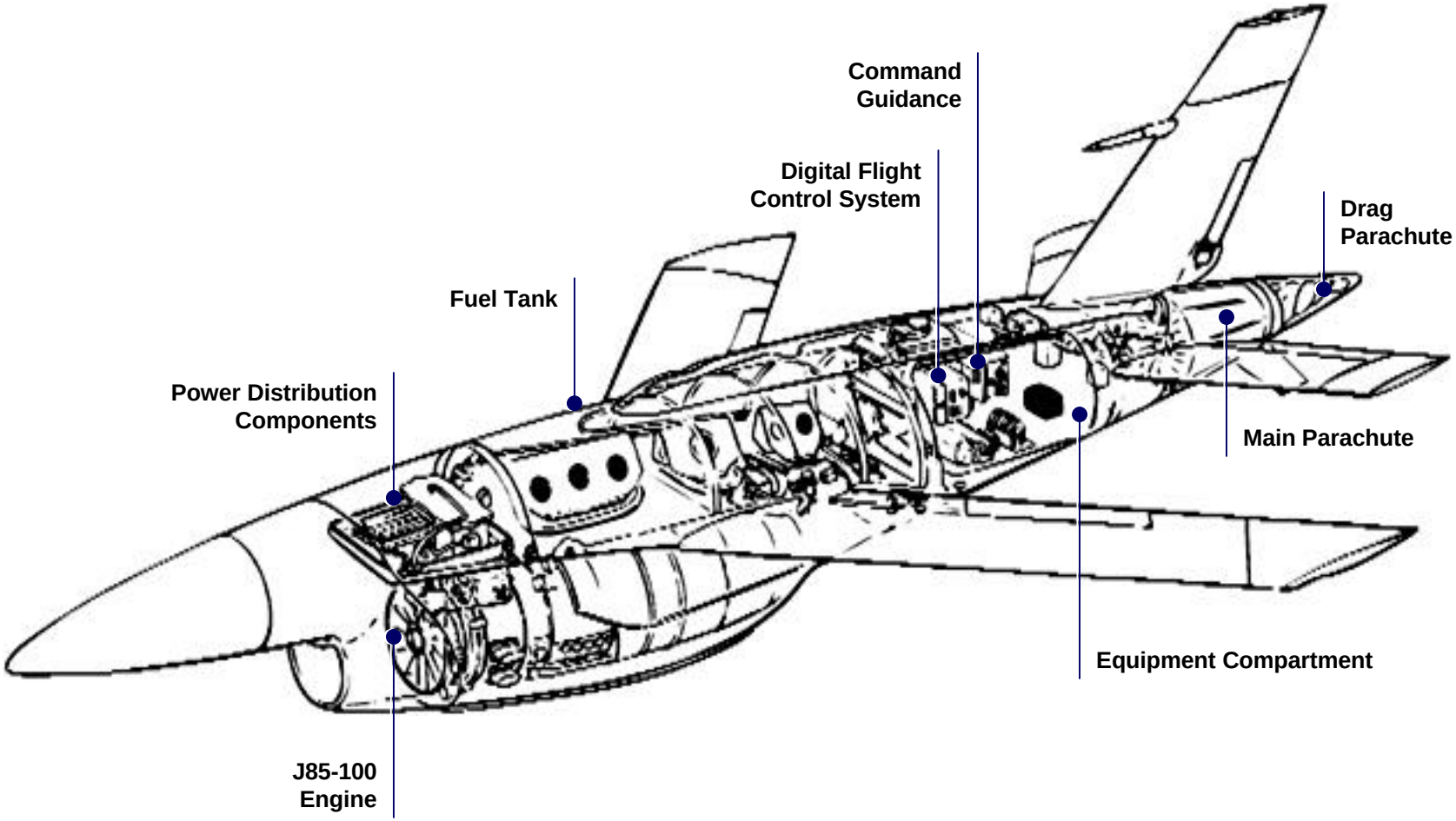
BQM-34 Firebee Launch Capabilities

Ground Launch

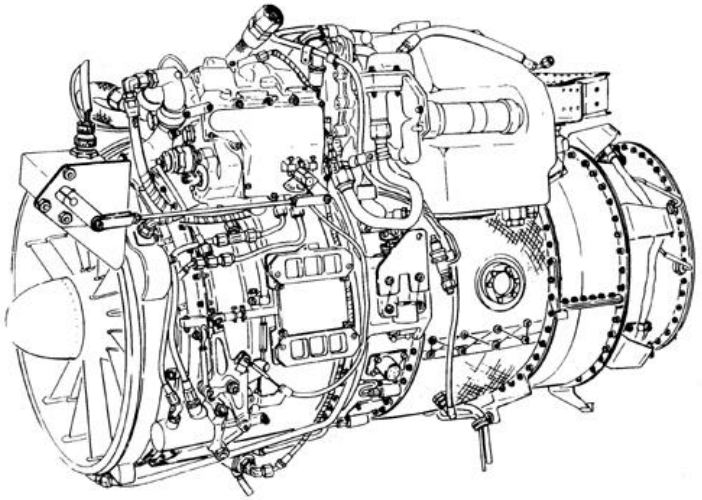
Ship Launch

Air Launch

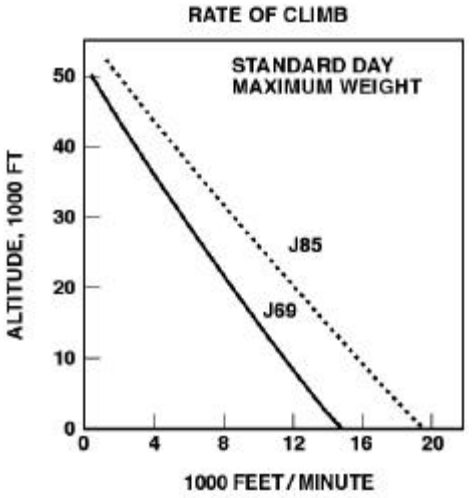
BQM-34 Firebee

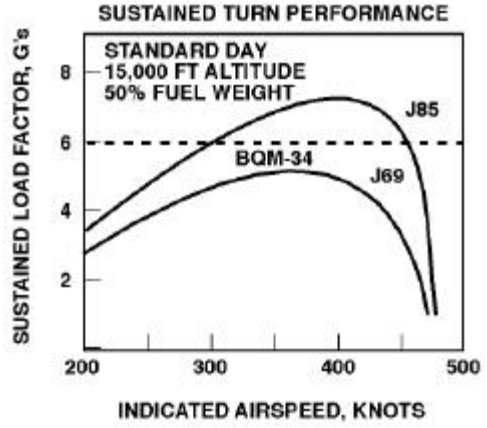


BQM-34 Firebee Performance with J85-100 Engine



ENGINE	J69-T-41B	J85-GE-100
BASIC LENGTH (IN.)	44.8	40.4
BASIC DIAMETER (IN.)	22.3	17
DRY WEIGHT (LB)	372	400
SLS THRUST (LB)	1,920	2,850
SFC (LB/HR/LB THRUST)	1.10	0.97





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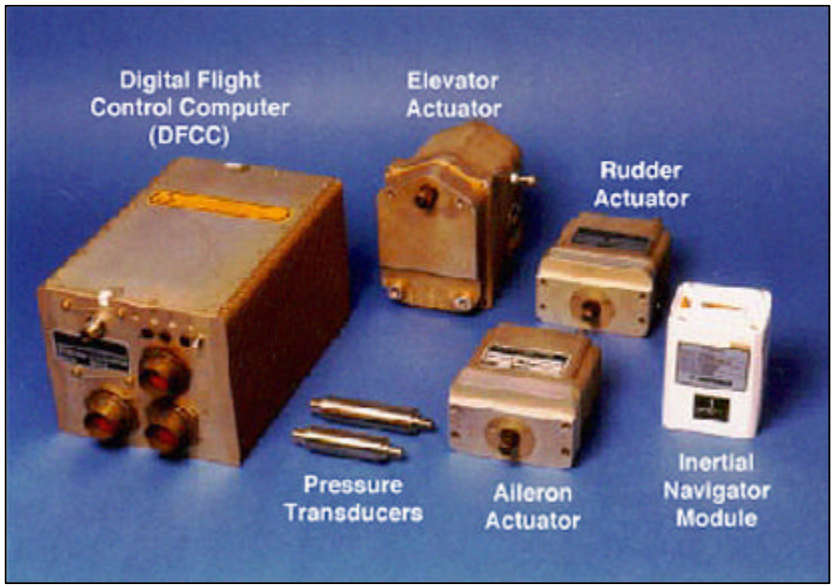
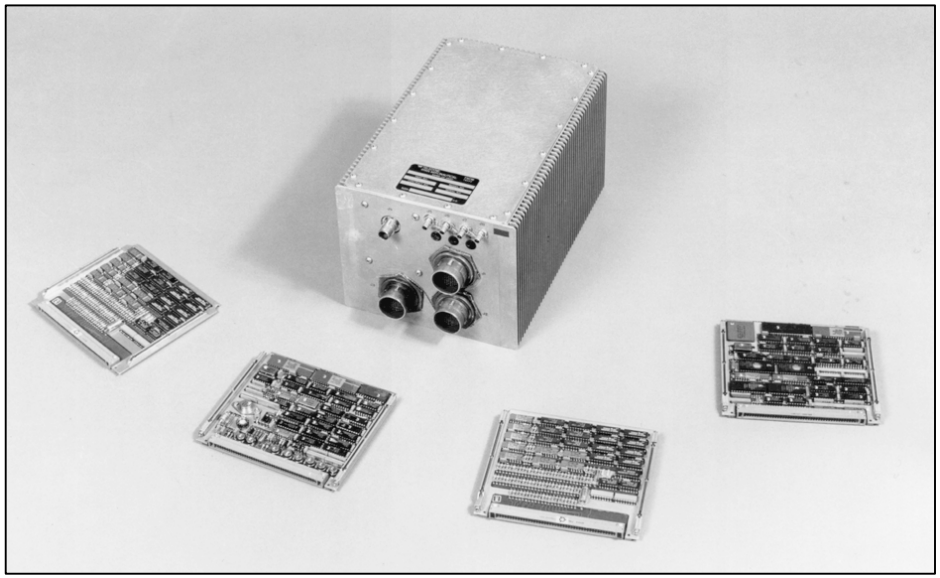
BQM-34 Firebee Microprocessor Flight Control System (MFCS)

- **Digital Technology**
- **Components Common to USN and USAF Firebees**
- **Performance Features**
  - *Full 3-Axis Maneuvering*
  - *Proportional Flight Control*
  - *Programmable Flight Profiles*
  - *GPS Waypoint Navigation*
- **Competitively Procured to Assure Lowest Cost**



BQM-34 Firebee
MFCS Performance Features

- Barrel Rolls
- Altitude Hold
- Climb/Dive/Glide Airspeed Schedules
- High G Turns
- Low Altitude Control Provisions
- Precision Heading Using GPS
- Programmable Flight Profiles
- Proportional Control
- Way Point Navigation
- MIL-STD-1553 Bus Provision
- Growth Capability



BQM-34 Firebee Versatility

BQM-34 Firebee
Reusable and Cost Effective