16-FT TRANSONIC TUNNEL LOG OF TEST
Northrop Model 39 (B-2 jet effects model)

Northrop Model 19 (B-2 inlet/airframe model)
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<tr>
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Flow Survey Study (Probe)

2-D CFD Verification

Fuselage Surveys

Drive Control

Landing Gear

Conformal Nozzles

Eau Claire Repair

At High A
Note: From 2/7/86 to 2/12/86 Blade & Fairing repair
From 2/13/86 to 2/27/86 Fairing repair & Wrench hunt

FAN BLADE REPAIR

FAN BLADE REPAIR 5/4/87 to 5/12/87

Annual Maintenance 5/3/87 to 8/23/87
8/24/87 to 9/3/87

Cooling Tower Replacement 9/9/87 to 9/30/87

Annual Maintenance 8/1/87 to 9/2/87

New Fan Blades Replacement 8/1/87 to 10/1/87

Install 5 New Blades 2/13/87 to 3/1/87
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**Project**

- CIP - Forebody Model + Wing-Body Model
- PTA - 1/9 Scale Gulfstream Model
- ANNUAL TUNNEL MAINTENANCE
- PTA - 1/9 Scale Gulfstream Model
- FAN BLADE REPAIR
- PTA - 1/9 Scale Gulfstream Model
- FAN BLADE REPAIR

**Wind Tunnel Critical Design Review**

- PCE - Powered Controls
- Boeing Hi-Speed Model
- PAS - N (Northrop ATF Nozzle)
- TRANSITION DOCTS II (STATIC)
- Rolls Royce VSERN (STATIC)
- SIMULTANEOUS PITCH/YAW VECTURING (STATIC)
- PAS - 002 (Static)
- USB - Short D Nacelles + Pylon Study
- PAS - 1 (Facetted Nozzles)
- Yaw Vectoring Parametric Model
- LASER SEEDING CHECKOUT
- Nozzles For Supersonic Cruise
- Top/Side Boattail
- Ben - 6 (A-12 Model)
- SINGLE EXPANSION RAMA NOZZLES (SERN) PRESSURES
- Grumman EA - 6 + Laser Checkout
- LASER SEEDING WITH TEST PAS - 1
- LASER SEEDING CHECKOUT
- B-16 AERODYNAMIC LOADS (NASA Model)
- HYPERSONIC # 1 (NASA Accelerator)
- LASER SEEDING CHECKOUT
- PAS - 001 (Facetted Nozzles) inlet
- LASER SEEDING CHECKOUT
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<td>Yaw Vectoring Parametric Model</td>
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<td>1/7 Scale Low Wing Transport Model</td>
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TUNNEL SHUTDOWN FOR COFF
Compressor Cooling Repair, grit removal - 3/20/93 to 4/30/93

Rewind Motor at Drive Center - 6/1/93 to 7/15/93
<table>
<thead>
<tr>
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<td><strong>Tunnel Coff Shutdown</strong></td>
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<td>• New Support Strut</td>
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<td>• 11 Fan Blades, Tunnel Controls</td>
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<td>• Paint Interior</td>
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Furlough (12/15 - 1/6)
1/8, 9, 13, 14th Day (5 300 hrs)
1/25, 26, 27th computer return

12/24 - 3/16/95
Drive (receptor)
down

8-7-95 - 9-1-95
Annual maintenance
9-5-95 - 9-22-95
Fan blade incidence angle replacement

473: Snow day on 2/5 - 3rd shift cancelled

8/26/96 - 8/28/96
Strut broken replacing hydraulic motor

Continuous curvature reduction
Rewind film image

Hydraulic III
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<td>NEXT RUN</td>
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