

Rare Stratojet Under Restoratio

AN EARLY 'Cold War' USAF type - built to fly recon missions to assess enemy radar and conduct electronic countermeasures - is scheduled for a 2009 roll out at the USAF Museum, Wright-Patterson, Dayton, Ohio. Restoration staff continue to make progress on preparing Boeing RB-47H Stratojet 53-4299 to go on show in the same year it will open a new 200,000ft² (18,500m²) hangar. (See FlyFast News August.)

The first RB-47H entered service in August 1955 with the 55th Strategic Reconnaissance Wing at Forbes, Kansas. The aircraft's service life ended on December 29, 1967, when the last SAC RB-47H was flown to Davis Monthan, Arizona, for storage.

Restoration work on the museum's RB-47H began in January 2000, with crew members addressing interior

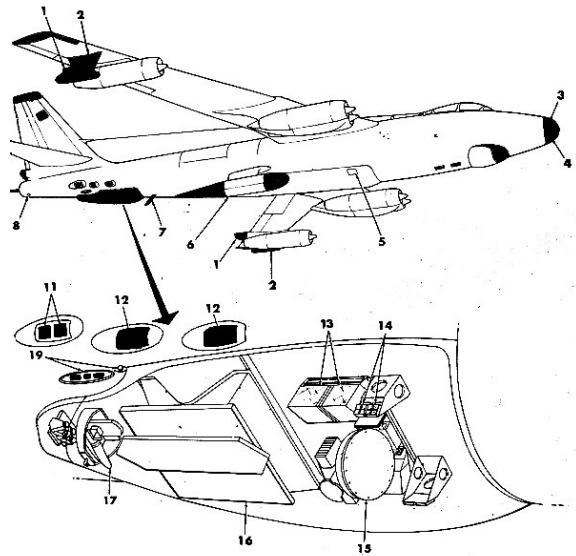


Moving RB-47H Stratojet 53-4299 at Wright-Patterson, OH - MUSEUM

corrosion by cutting, cleaning and painting affected fuselage areas. Other work to date includes fabricating or obtaining missing items and installing a complete gun turret in the tail section. There are two of this aircraft type left in the world - the other, 53-4256, is display at Eglin, Florida.



ANTENNA LOCATIONS



- 1. AFT FACING APD-4
- 2. APD-17 WINGTOP STDB
- 3. APS-54 NOSE
- 4. FORWARD FACING APD-4
- 5. APD-17 SPINNA (BOTH SIDES)
- 6. AEA-4 POD (SEE FIGURE 4-12)
- 7. ASB-32
- 8. ALT-6B (BOTH SIDES)
- 9. APS-54 TAIL
- 10. APD-17 FIN SPINNA (BOTH SIDES)
- 11. APD-17 RC-1 (BOTH SIDES)
- 12. SAGE FACING APD-4 (BOTH SIDES)
- 13. APD-17 RS-1 (BOTH SIDES)
- 14. APD-17 RS-2 (BOTH SIDES)
- 15. MA-6 BY (LOW BAND)
- 16. AEA-4
- 17. AEA-6 OF (HIGH BAND)
- 18. QAC-31
- 19. APD-17 RC-1 AND RC-1 (BOTH SIDES)



1997-11 Salina



1997-11 Salina



1997-11 Salina



1997-11 Salina



1997-11 Salina



1997-11 Salina



1998-04 Salina



1998-04 Salina



1998-06 Salina



1998-06 Salina



1998-06 Salina



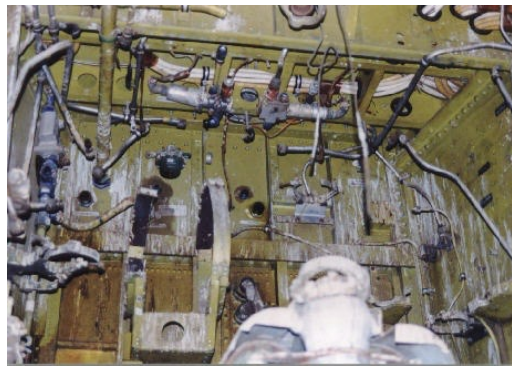
1998-06 Salina



1998-06 Salina



1998-06 Salina



1998-07 Salina



1999-02 Crew Logo



1999-06 Salina



1999-07 Salina



1999-07 Salina



1999-07 Salina



1999-07 Salina



1999-08 ECM Radome



1999-08 Engines



1999-08 Fuselage



1999-08 Guns



1999-08 Right Fuselage



1999-08 Rudder



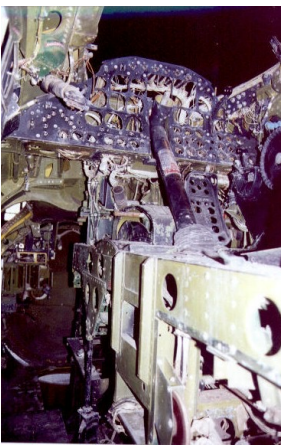
1999-08 Wings & Fuselage



1999-08 Fuselage



1999-08 Fuselage



1999-10 Cockpit
from Entry Ladder



1999-10 Cockpit
from Nav Station



1999-10 Nav Hatch



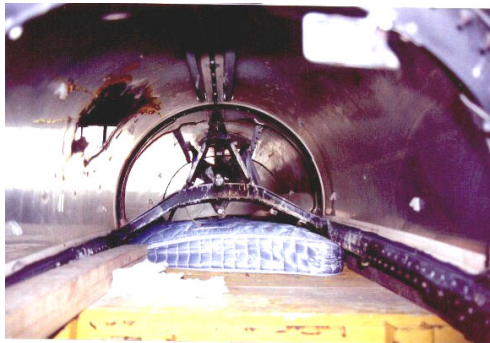
1999-10 Old Canopy



1999-12 Left Aft Fuselage



1999-12 Left Forward Fuselage



1999-12 Old Canopy



2000-03 Fuselage



2000-02 Hangar View



2000-02 Balcony View



2000-02 Gear Casters



2000-02 Right Fuselage



2000-02 Right Front Fuselage



2000-02 Right Fuselage



2000-02 Bomber Tails



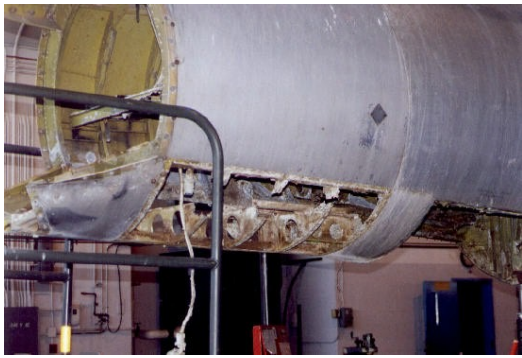
2000-02 Forward Fuselage



2000-02 Rear Fuselage



2000-02 Bomber



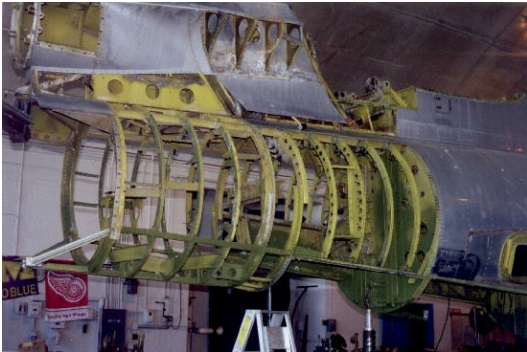
2000-03 Rear Fuselage



2000-03 Tail Gun Turret



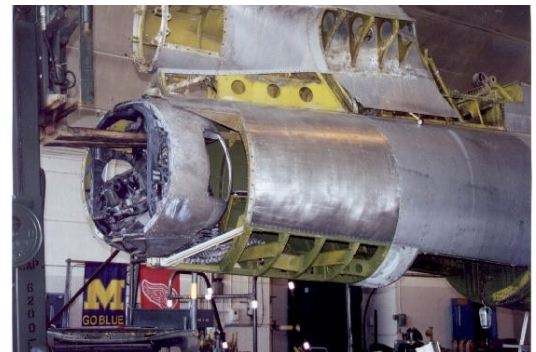
2000-03 Right Aft Fuselage



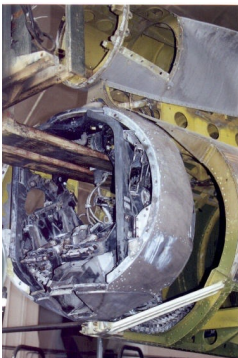
2000-04 Aft Fuselage



2000-05 Right Front Fuselage



2000-05 Aft Fuselage



2000-05 Gun Turret



2000-07 Left Aft Fuselage



2000-08 Repaired Canopy



2000-10 Autopilot



2000-10 Fuel Panel



2000-10 Guns



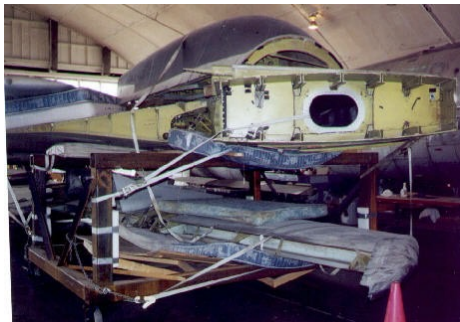
2000-10 Miscellaneous Instruments



2000-11 Guns



2000-11 Guns



2000-11 Wings



2000-12 Nosedome



2001-02 Flipping Wing



2001-02 A/C Instrument Panel



2001-02 A/C Instrument Panel



2001-02 Copilot Position



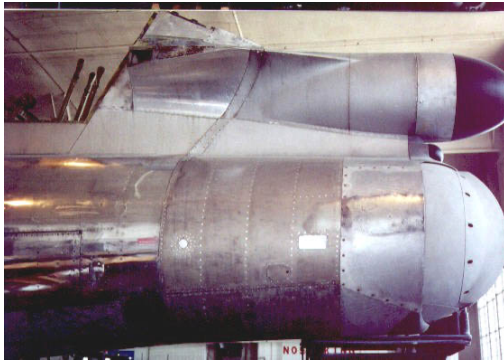
2001-02 Horizontal Stabilizer



2001-02 Tail Control Surface



2001-02 Top Aft Fuselage



2001-02 Aft Fuselage



2001-05 Ejection Seat



2001-05 Cockpit



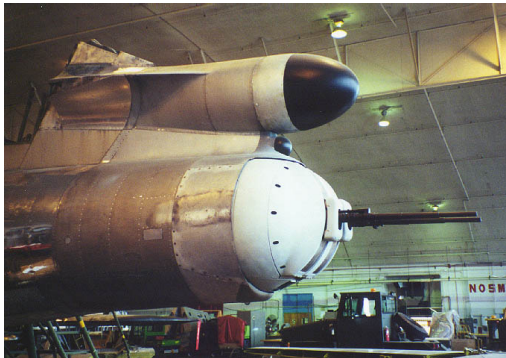
2001-05 Hangar



2001-05 Nav Station



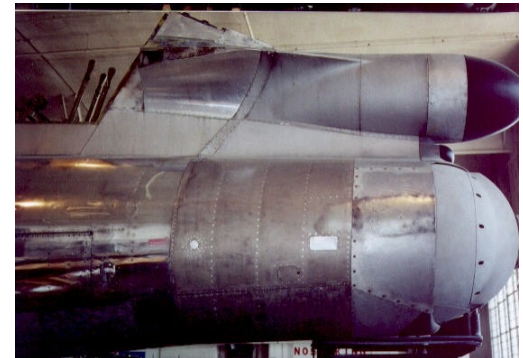
2001-05 Paint Mask



2001-05 Turret



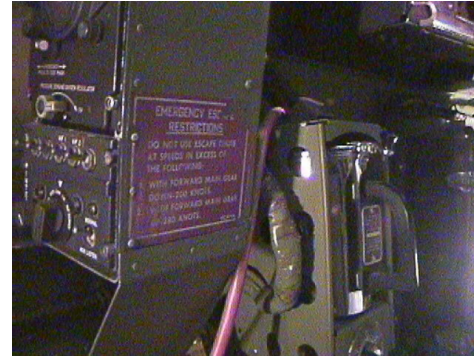
2001-05 Turret



2001-05 Aft Fuselage



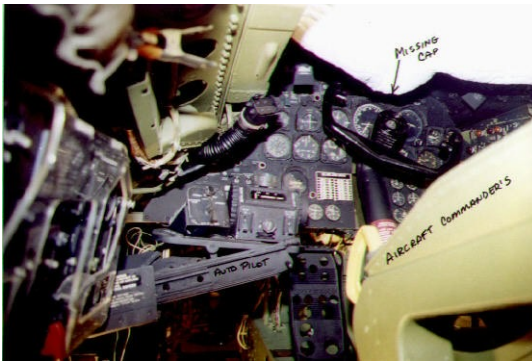
2001-09 Aft Cockpit



2001-09 Aft Cockpit



2001-09 Aft Cockpit



2001-10 A/Cs Panel



2001-10 A/Cs Panel



2001-10 Full Fuselage



2001-12 Chaff Box



2001-12 CP Panel



2001-12 Flipping Wing



2001-12 Flipping Wing



2001-12 Flipping Wing



2001-12 Flipping Wing



2001-12 Flipping Wing



2001-12 Flipping Wing



2001-12 Flipping Wing



2001-12 Flipping Wing



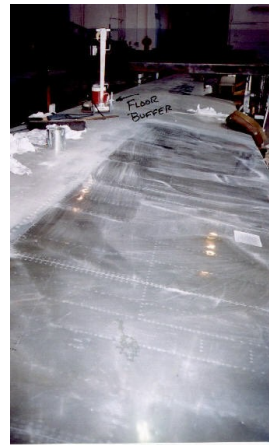
2001-12 Flipping Wing



2001-12 Flipping Wing



2001-12 Flipping Wing



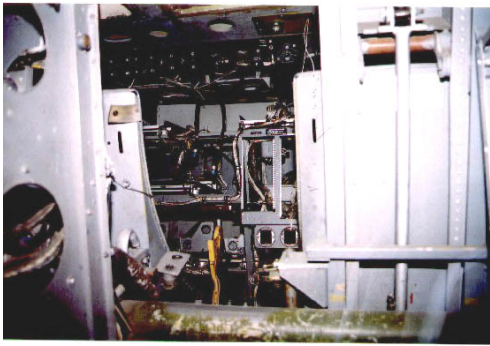
2001 Wing



2001 Wing



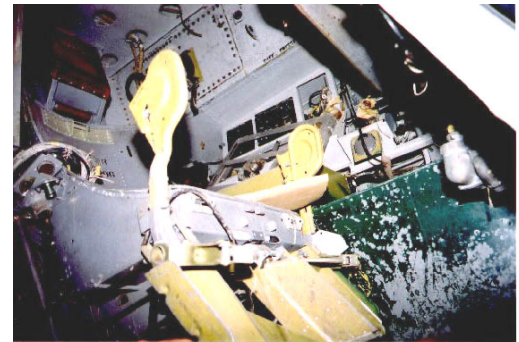
2001 Wings



2001 Aft Raven



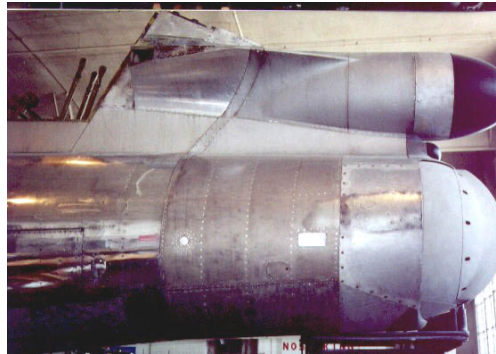
2001 Aft Fuselage



2001 Forward Raven



2001 Wings



2001-05 Fuselage



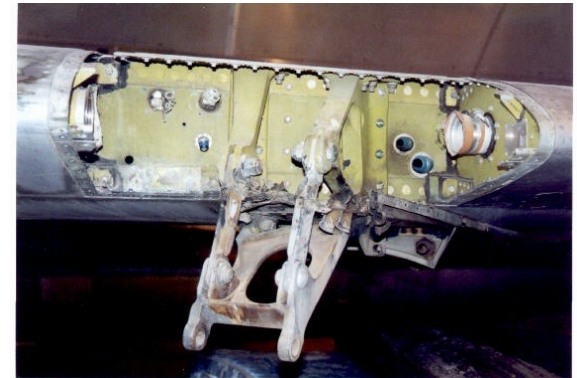
2001-10 A/Cs Panel



2001-10 Fuselage



2001-10 A/Cs Panel



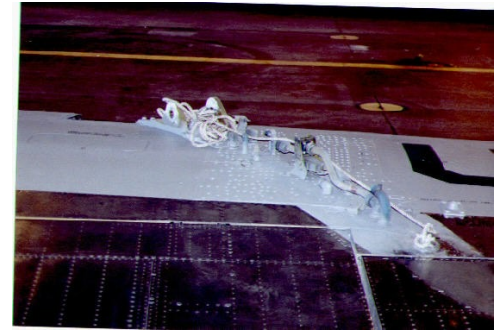
2002-02 Outboard Engine Mount



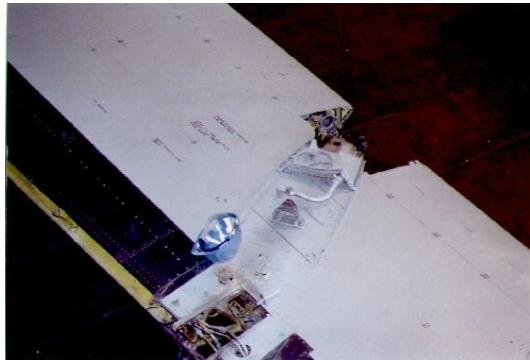
2002-02 Wing Flip



2002-02 Full Fuselage



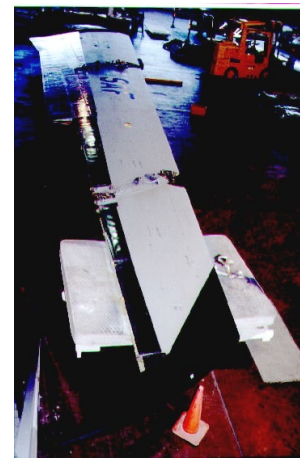
2002-02 Outboard Engine Mount



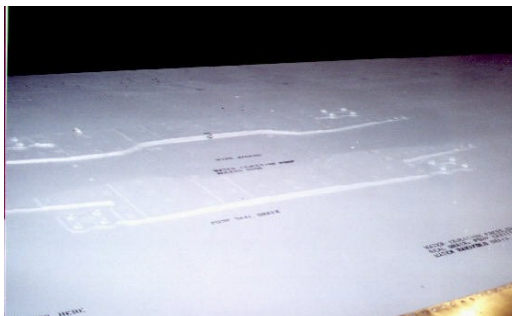
2002-02 Outboard Engine Mount



2002-02 Tail



2002-02 Wing



2002-02 Wing



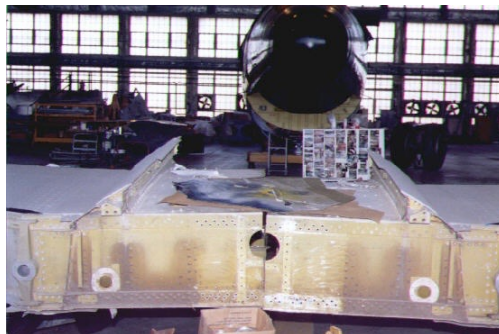
2002-02 Wing



2002-02 Wing



2002-03 Wings Ready



2002-03 Before Splice



2002-03 Wing with Plates



2002-03 Wing Splice



2002-03 Cranes



2002-03 Chains



2002-03 Wing Install



2002-03 Lifting Wing



2002-03 Pull Fuselage



2002-03 Wing Position



2002-03 Wing Position



2002-03 Wing Position



2002-03 Wing Position



2002-03 Wing Position



2002-03 Wing Position



2002-03 Wing Position



2002-03 Final Adjustments



2002-03 Final Adjustments



2002-03 Quarter View



2002-03 Jackstands



2002-03 Front View



2002-03 Wings On



2002-03 Assembly Team



2002-03 Ben & Genm



2002-03 Unjacking



2002-03 Pushing Wheels



2002-03 Come Along



2002-03 Jacking



2002-03 Pushing Wheels



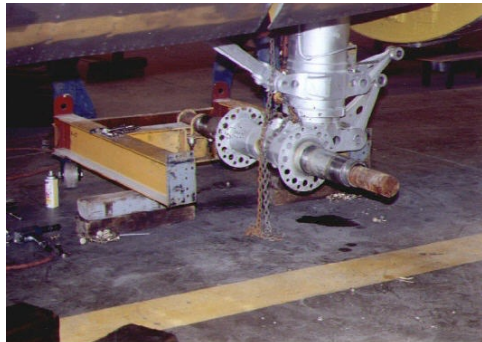
2002-03 Pushing Wheels



2002-03 Wheels On



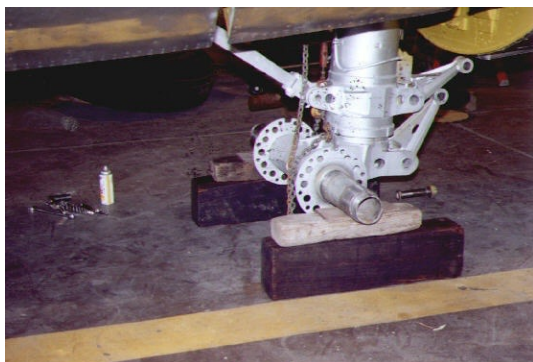
2002-03 Wing Root



2002-03 Aft Gear



2002-03 Aft Gear



2002-03 Adjust Rear Axle



2002-03 Install Wing Panels



2002-03 Aft Gear In Place



2002-03 Front Fuselage



2002-03 Forward
Main Gear



2002-03 Aft Main Gear



2002-03 Tail View



2002-03 Left Fuselage



2002-03 Left Fuselage



2002-03 Right Inboard Engine Pod



2002-03 Capsule Entrance



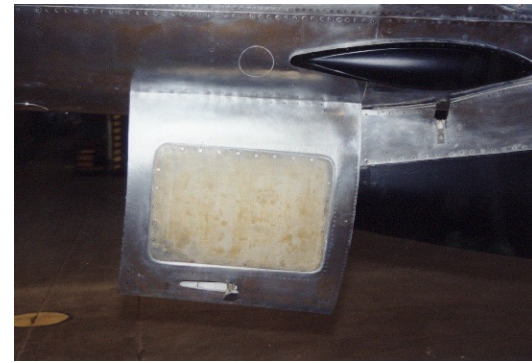
2002-03 Engine Mount
Corrosion



2002-03 Aft Side
Forward Main



2002-04 EWO Ejection Seat Cutr



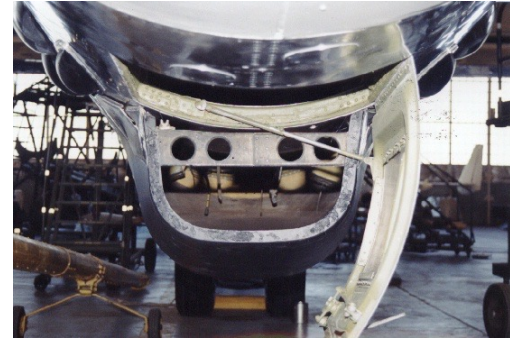
2002-04 QRC-91 Comp Door



2002-04 QRC-91 Comp Door



2002-04 QRC-91 Radome



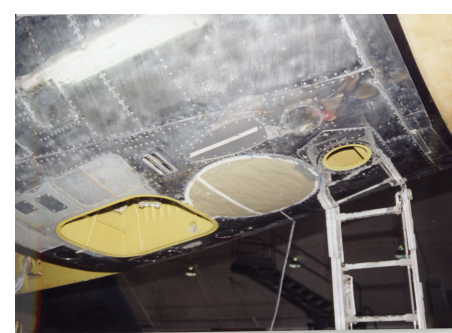
2002-04 QRC-91 Radome



2002-04 QRC-91 Radome



2002-04 Outrigger



2002-04 Antenna Locations



2002-05 Toward Nav



2002-05 Cockpit



2002-05 Cockpit



2002-05 A/Cs Panel



2002-05 A/Cs Panel



2002-05 A/Cs Left Side Panel



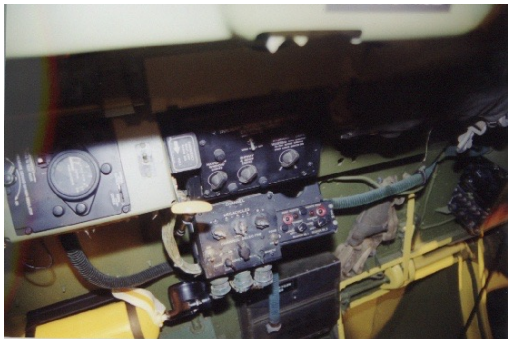
2002-05 A/Cs Right Side Panel



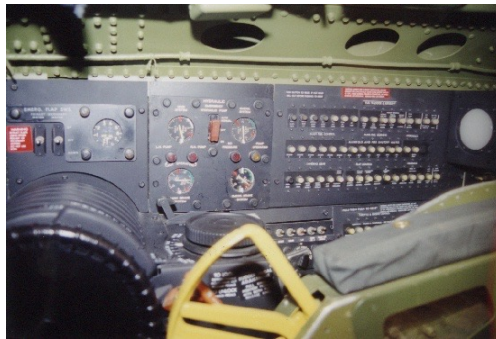
2002-05 Copilot Fuel Panel



2002-05 Copilot
Instrument Panel



2002-05 Copilot Left Side Panel



2002-05 Copilot Right Side Panel



2002-05 Gun Radar Scope



2002-05 Nav Station



2002-05 Nav Right Side Panel



2002-05 Top Fuselage



2002-05 Cockpit



2002-06 Right Inboard



2002-05 Wing Splice



2002-05 Nav Station



2002-06 Right Outboard



2002-06 Right Outboard



2002-06 Right Outboard



2002-06 Left Outboard



2002-06 Left Tail



2002-06 Left Tail



2002-06 Right Tail



2002-06 Right Inboard Engines



2002-06 Forward Fuselage



2002-06 Canopy



2002-06 Right Engines



2002-06 Forward Underside



2002-06 Right Wing



2002-07 Main Gear



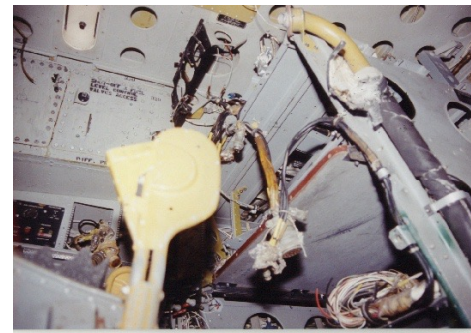
2002-07 Main Gear



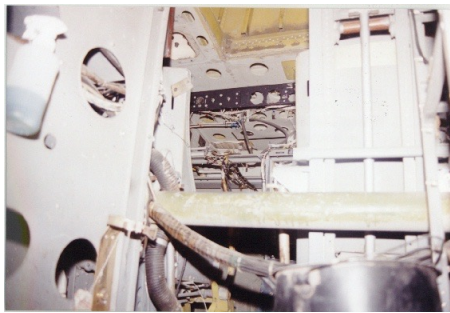
2002-08 Aft Left Wing



2002-08 Crow
Compartment



2002-08 Crow Compartment



2002-08 Crow Compartment



2002-08 Rear View



2002-08 Left Wing Engine



2002-08 Left Wing View



2002-08 Nacelles 2 & 3



2002-08 Nose View



2002-08 Number 1 Engine



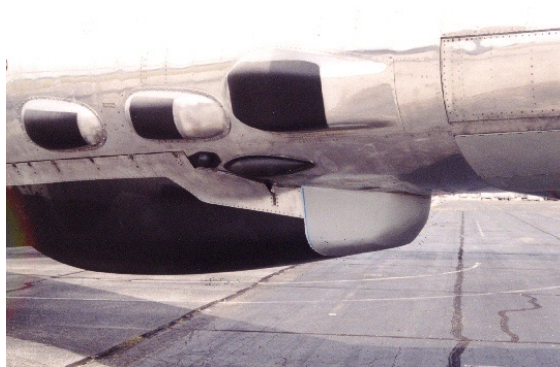
2002-08 Right Side Fuselage



2002-09 RB-47



2002-09 QRC-91 Radome



2002-09 QRC-91 Radome



2002-09 QRC-91 Radome

SECTION IV
DESCRIPTION AND OPERATION
OF AUXILIARY EQUIPMENT

T. O. 1B-47(RH)-1

ANTENNA LOCATIONS

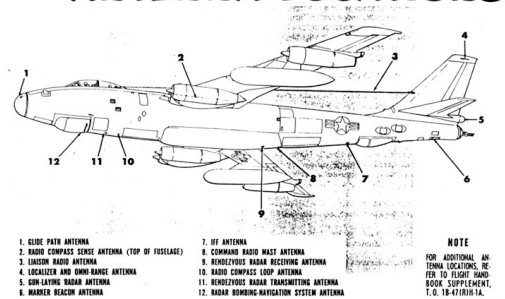


Figure 4-16.

NOTE

- The ID-249 heading pointer receives heading reference information from the N-1 compass system and will only perform the above functions when the N-1 compass system is operating in the magnetic slaved operational mode. When the N-1 system is in directional gyro operational mode, the heading pointer will give only heading referenced to a preselected gyro datum and generally will be of no use for localizer and omni-range operations.
- When the N-1 compass system is inoperative, as indicated by the N-1 compass inoperative light being illuminated, the ID-249 heading pointer will be driven to and remain at the vertical index.

OMNI-RANGE INDICATOR. The ID-250 radio magnetic indicator (RMI) (I, figure 1-18) on the pilot's instrument panel, used with the radio compass, is also the indicator for the omni-range receiver. The indicator receives heading reference information from the N-1 compass with the result that the circular compass card rotates so that the heading of the airplane will always be under the reference index at the top of instrument. The No. 2 pointer is the azimuth indicator for the omni-range receiver and indicates the direction

to the omni-station from the airplane as measured from magnetic north when the N-1 compass system is in magnetic slaved operational mode or measured from the preselected gyro heading datum when the N-1 system is in directional gyro mode.

NOTE

When the N-1 compass system is inoperative, as shown by the N-1 compass inoperative light being illuminated, the compass card rotates to read zero degrees and the No. 2 pointer will indicate omni-bearings as measured from the airplane heading.

NORMAL OPERATION OF LOCALIZER AND OMNI-RANGE RECEIVER

The localizer or omni-range receiver is made operative by placing the power switch in ON and inoperative by placing the power switch in OFF position.

EMERGENCY OPERATION OF LOCALIZER AND OMNI-RANGE RECEIVER

In the event of failure of the C-1 amplifier, magnetic heading indication, omni-directional indication, and radio compass indication from the radio magnetic indicator (ID-250) will not be available. Such a failure



2003-03 RB-47 4299 Restored