



Memorandum for Record

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Air Safety Investigator
National Transportation Safety Board
Investigator in Charge

NTSB Accident Number: WPR18LA164
Aircraft Registration & Make/Model: N518Z / Bell 206B
Accident Location: Sander, KY.
Accident Date: June 5, 2018

Refer to the enclosed attachment (BHT-206B3-FM-1 REV 20) for details on “Fuel Sump-Drain fuels samples as follows” procedures and the NOTE regarding installation of the airframe (A/F) fuel filter kit and/or engine fuel pump filter.

BHT-206B3-FM-1, Rev. 20 - 22-Feb-2021, PRINTED 29-Mar-2021

BHT-206B3-FM-1

DOT APPROVED

safe flight. Refer to figure 2-1 for preflight check sequence.

Ensure that the helicopter has been serviced as required.

Battery — Connected.

NOTE

The preflight check is not intended to be a detailed mechanical inspection, but a guide to help the pilot check the condition of the helicopter. It may be made as comprehensive as conditions warrant at the discretion of the pilot.

All areas checked shall include a visual check for evidence of corrosion, particularly when helicopter is flown near or over salt water or in areas of high industrial emissions.

EXTERIOR CHECK

1. FUSELAGE — CABIN RIGHT SIDE.

Right static port — Condition.

Cabin doors — Condition and security.

Windows — Condition and security.

Landing gear — Condition. Ground handling wheel removed.

BEFORE EXTERIOR CHECK

Flight planning — Completed.

Publications — Check.

2. FUSELAGE — CENTER RIGHT SIDE.

Cabin roof, transmission fairing, and engine air inlet area — Cleaned of all debris and accumulated snow and ice.

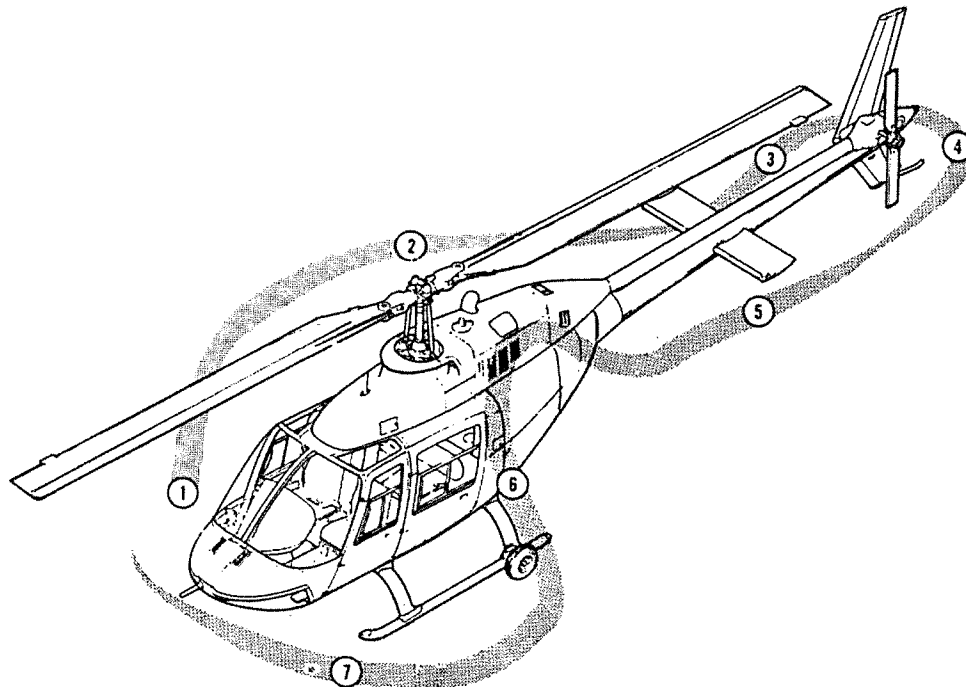


Figure 2-1. Exterior check

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Hydraulic reservoir — Oil Level.

Hydraulic system filter — Pop-up indicator retracted.

Hydraulic actuators and lines — Condition, security, interference, leakage.

Forward fairing — Secured.

Access door — Secured.

TRANSMISSION AREA

IF ANY TEMP-PLATE IS MISSING OR HAS BLACK DOTS, MAINTENANCE PERSONNEL SHALL ASSIST IN DETERMINING AIRWORTHINESS.

Main driveshaft forward coupling — Condition, security, and grease leakage. Check Temp-Plates (four places) for evidence of elevated temperature indicated by dot changing color to black.

Transmission — Verify oil level visible at bottom of sight glass to under the dot and check area for leaks.

Transmission and mounts — Security and condition.

Isolation mount — Condition.

Drag pin — Security and evidence of contact with static stop plate.

Access door — Secured.

Air induction cowling — Secured.

Engine inlet and plenum — Condition; clear of obstructions.

Fuel filler cap — Visually check level. Secure cap.

Fuel sump — Drain fuel sample as follows:

FUEL BOOST AFT and FWD circuit breakers — Out.

BAT switch — On.

FUEL VALVE switch — OFF.

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Fuel drain or button — Depress, drain sample, then release.

NOTE

Apply the following procedure to the airframe (A/F) fuel filter kit and/or engine fuel pump filter.

A/F fuel filter (if installed) — Drain and check before first flight of the day as follows:

FUEL VALVE switch — ON.

FUEL BOOST AFT and FWD circuit breakers — In.

CAUTION LT circuit breaker — In.

Fuel filter drain valve — Open, drain sample, then close.

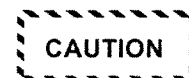
NOTE

Filter test switch is located on top of fuel filter.

Fuel filter test switch — Depress and check A/F FUEL FILTER caution light on. Release switch and check light out.

FUEL VALVE switch — OFF.

BAT switch — OFF.

POWER PLANT AREA

IF ANY TEMP-PLATE IS MISSING OR HAS BLACK DOTS, MAINTENANCE PERSONNEL SHALL ASSIST IN DETERMINING AIRWORTHINESS.

Main driveshaft forward coupling — Condition, security, and grease leakage. Check Temp-Plates (four places) for evidence of elevated temperature indicated by dot changing color to black.

Engine — Condition; security of attachments.

Engine mounts — Condition and security.

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