




## Jamaica Civil Aviation Authority

### Aviation Occurrence Report Number JA-2021- 01

### Release to the Public

*I hereby authorize the Release to the Public of the Final Report of Occurrence Number JA-2021-01, in accordance with sub-paragraph (c) of paragraph 19.065 of the Nineteenth Schedule of the Civil Aviation Regulations of Jamaica, as amended.*

Signed: \_\_\_\_\_

  
**Nari Williams-Singh**  
Director General  
Jamaica Civil Aviation Authority

Date: \_\_\_\_\_

*May 3, 2021*

**AVIATION OCCURRENCE REPORT**  
**ROCKY POINT- CLARENDON**  
**SABRELINER 60 - REGISTRATION XB-JMR**  
**JANUARY 23, 2021**

**1.0 History of Flight**

1.1 On Saturday January 23, 2021, a Sabreliner with registration XB-JMR on a domestic Flight Plan with two pilots on board departed Guadalajara for Queretaro in Mexico. On reaching a cruising altitude of 20,000 feet the crew changed destination and shortly after disappeared off Mexican Radar. Mexican Authorities suspect the Transponder was turned off by the crew. (*Mexican SAR Report – January 23, 2021*).

1.2 The aircraft entered the Kingston Flight Information Region (KIN FIR) without a filed Flight Plan, south of Jamaica and at approximately 6:14pm local the crew declared an emergency. The crew reported to Air Traffic Control that they were at 10,000 feet and 14 miles from land and on a heading of 055 degrees (heading north-east). The crew requested instructions to land at the nearest airport due to one engine shut down. (*KATCC Mayday Report – January 23, 2021*) (*Radar/Audio Tapes- January 23, 2021*).

1.3 The aircraft was observed on radar heading in a north-east direction in the vicinity of the Vernamfield area then changed direction to a south-east heading. The aircraft began circling the Portland Cottage area in Clarendon, 'squawking' Transponder code A1327 and climbing out of 17,000 feet at 6:20pm local. Search and Rescue was initiated with the Jamaica Defence Force at 6:22pm local. On reaching 18,000 feet the aircraft disappeared from radar at 6:34pm local - Transponder possibly turned off by crew. (*KATCC Mayday Report – January 23, 2021*) (*Radar Tapes- January 23, 2021*).

1.4 The Aircraft impacted the shoreline south-east of the White Sand Beach area of Rocky Point in Clarendon (17°45'55.69"N 77°15'42.94"W) at approximately 6:39pm local. (*Radar Tapes – January 23, 2021*). (Fig. 1- Rocky Pont).

## **2.0 Crash Site Visit**

2.1 On Sunday January 24, 2021, a site visit was conducted by personnel from the Operations and Airworthiness units of the Flight Safety Division. With assistance from the Security Forces, photographic evidence of the site was collected.

2.2 Crash site and aircraft vandalized.

2.3 Aircraft may have made a gear up/flaps up landing (*Fig 2: Cockpit Switches*). Left-wing leading-edge slats were deployed indicating low airspeed and possible high angle of attack at time of impact (*Fig 3: Left Wing*).

## **3.0 Injury to Persons**

3.1 Injury to persons onboard is unknown.

3.2 Based on the Mexican SAR Report, the flight plan was filed in Guadalajara with two pilots to be on board.

3.3 No persons were found on board at the crash site (on arrival of security Personnel).

## **4.0 Personnel Information**

4.1 Documentation provided by the Mexican Authorities indicated both pilots scheduled to be onboard were Mexican Nationals in possession of Mexican Air Transport Pilot Licences with expiry dates of 7<sup>th</sup> November 2021 and 14<sup>th</sup> September 2021.

4.2 Copies of their Mexican Licences indicate they were 55 and 63 years of age.

4.3 Pilot Licences indicate they were type rated on the Sabreliner 60.

4.4 Medical Certificates not seen.

## **5.0 Aircraft Information (XB-JMR)**

5.1 Rockwell Sabreliner NA-265-60, Serial number 306-35.

5.2 Engine type: Two Pratt & Whitney JT12A-8N Turbojet engines; engine #1 serial number P673115NB & engine #2 serial number P673119NB (3,300 lbs. of thrust each engine).

5.3 State of Manufacturer: USA.

5.4 State of the Operator/Registry: Mexico. **Aviacion Ejecutiva Del Bajio, S.A. DE C.V.**

5.5 Date of Manufacture: 1968.

5.6 Airworthiness: Valid Certificate of Airworthiness (expiry date December 18, 2021).

## **6.0 Aircraft Damage**

6.1 Phase of Flight: Landing (off airport).

6.2 Substantial Damage: both wings and center section torn from fuselage (Fig. 4- impact damage).

6.3 Both engines showing impact damage to lower engine cowling. (Fig 5).

6.4 No post-crash fire observed. (Fig. 2).

6.5 No signs of fire on both engine exhaust and inlet areas. (Fig. 6 & 6A).

6.7 The impact broke the aircraft into three sections. See Debris Field Diagram (Fig.7).

6.8 The aircraft cabin had evidence of possible vandalism (Fig. 8).

## **7.0 Meteorological Conditions**

7.1 Day Visual Meteorological Conditions existed at time of accident (dusk).

**Note 1:** This report is from a Civil Aviation perspective.

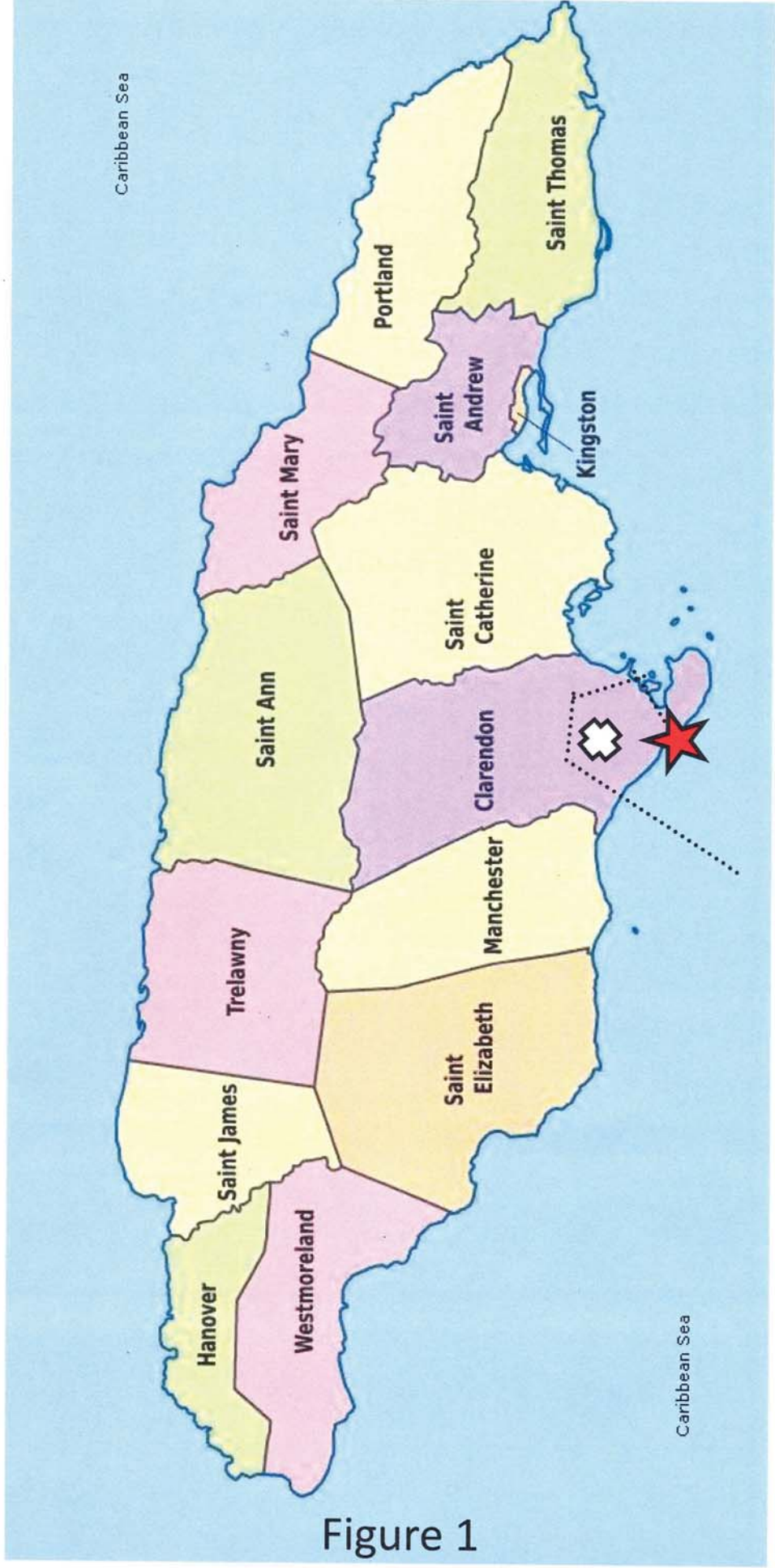





Figure 1

-  Vernamfield Airstrip (Abandoned)
-  Aircraft track XB-JMR
-  Crash site

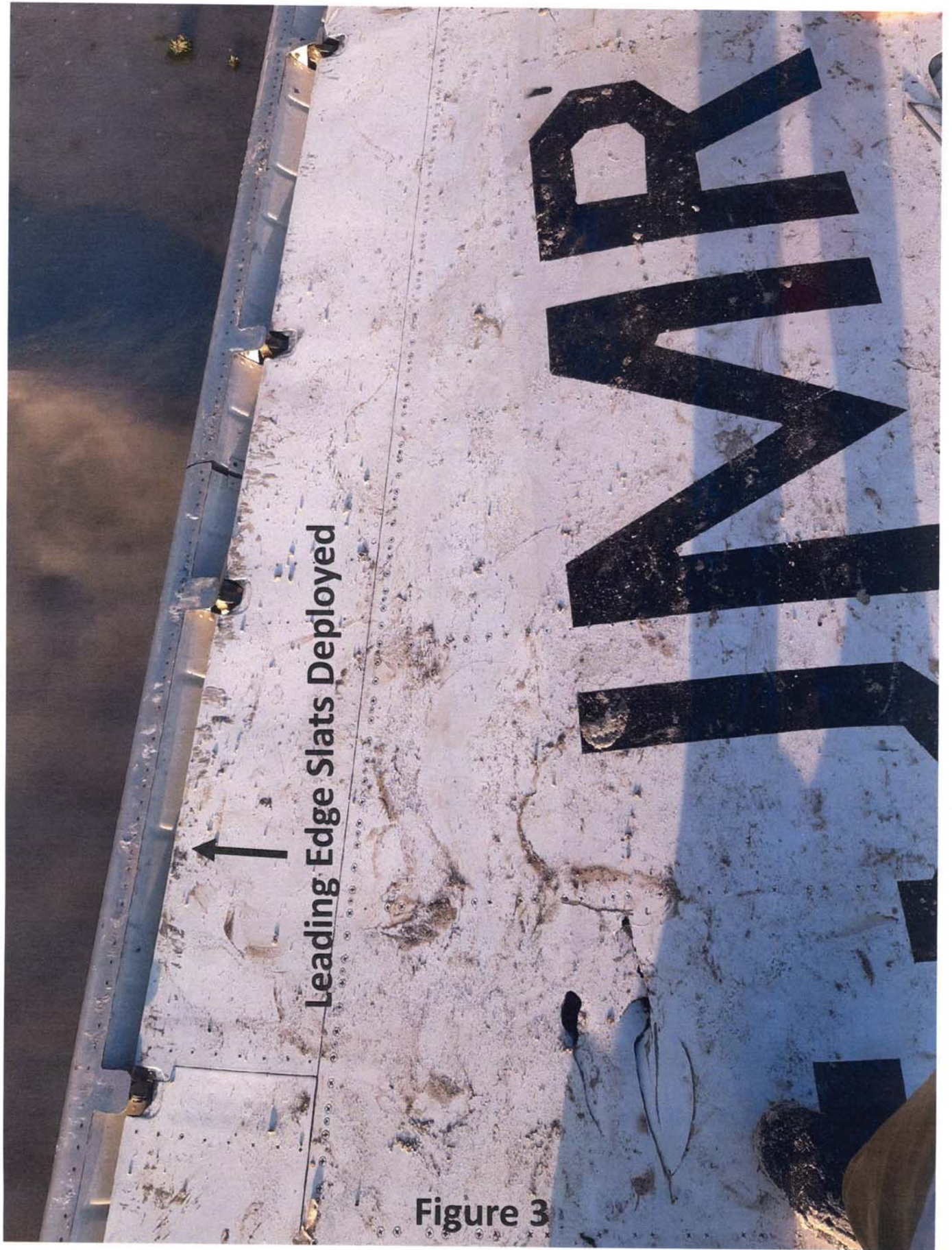
Landing Gear Switch

Fuel Indicator



Flap Switch

Figure 2



Leading Edge Slats Deployed

Figure 3

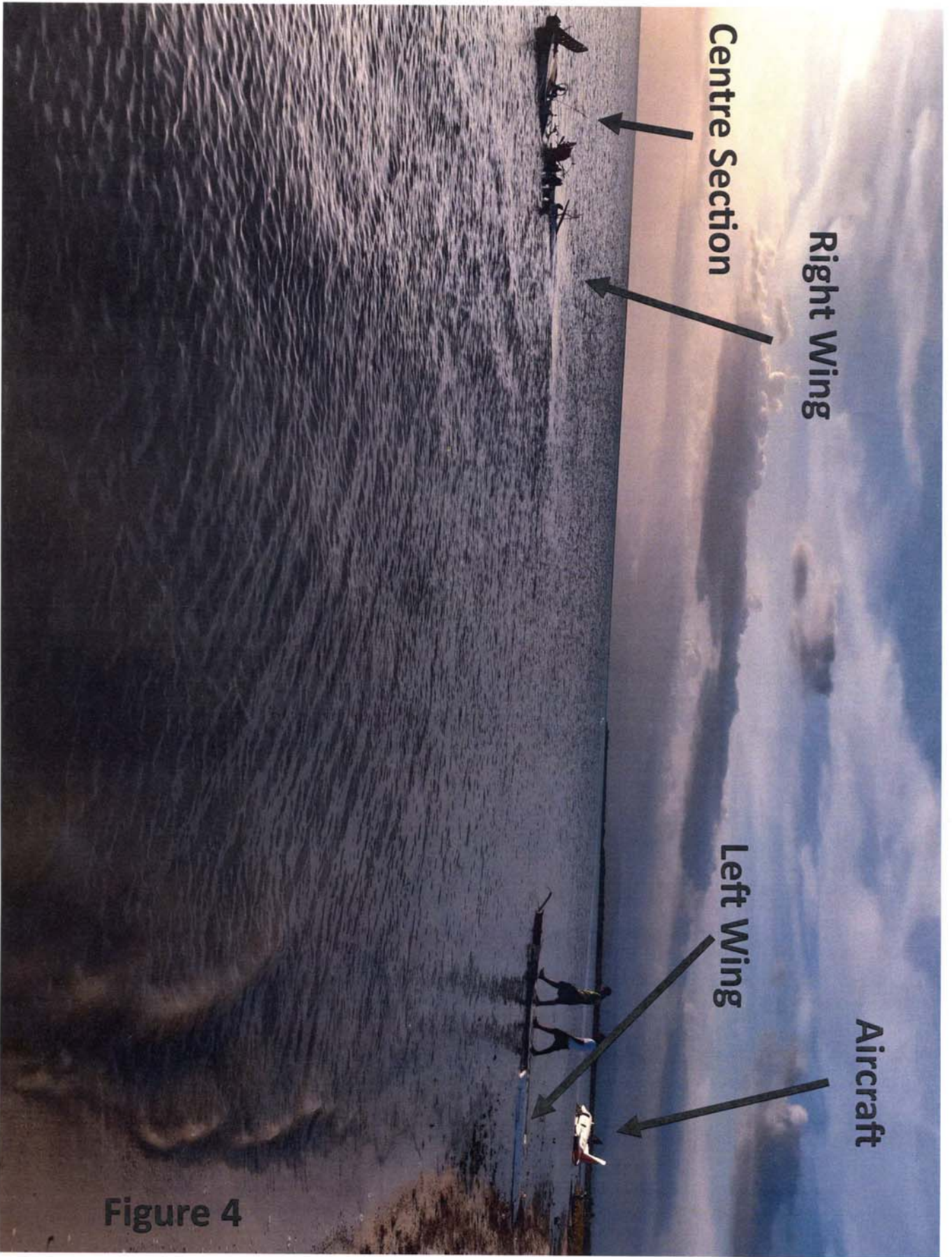


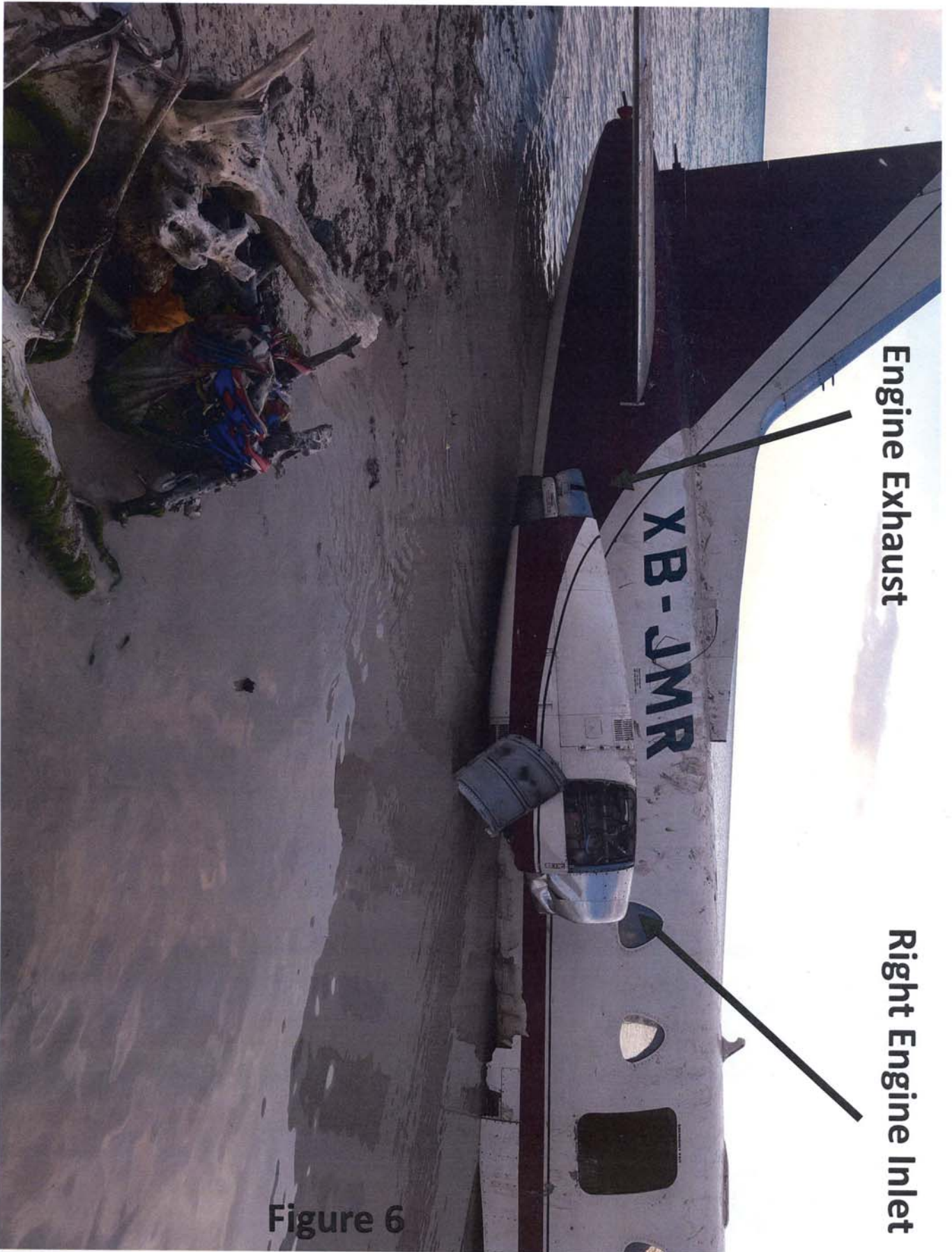
Figure 4



**Impact Damage Lower Engine Cowling**



**Figure 5**



Engine Exhaust

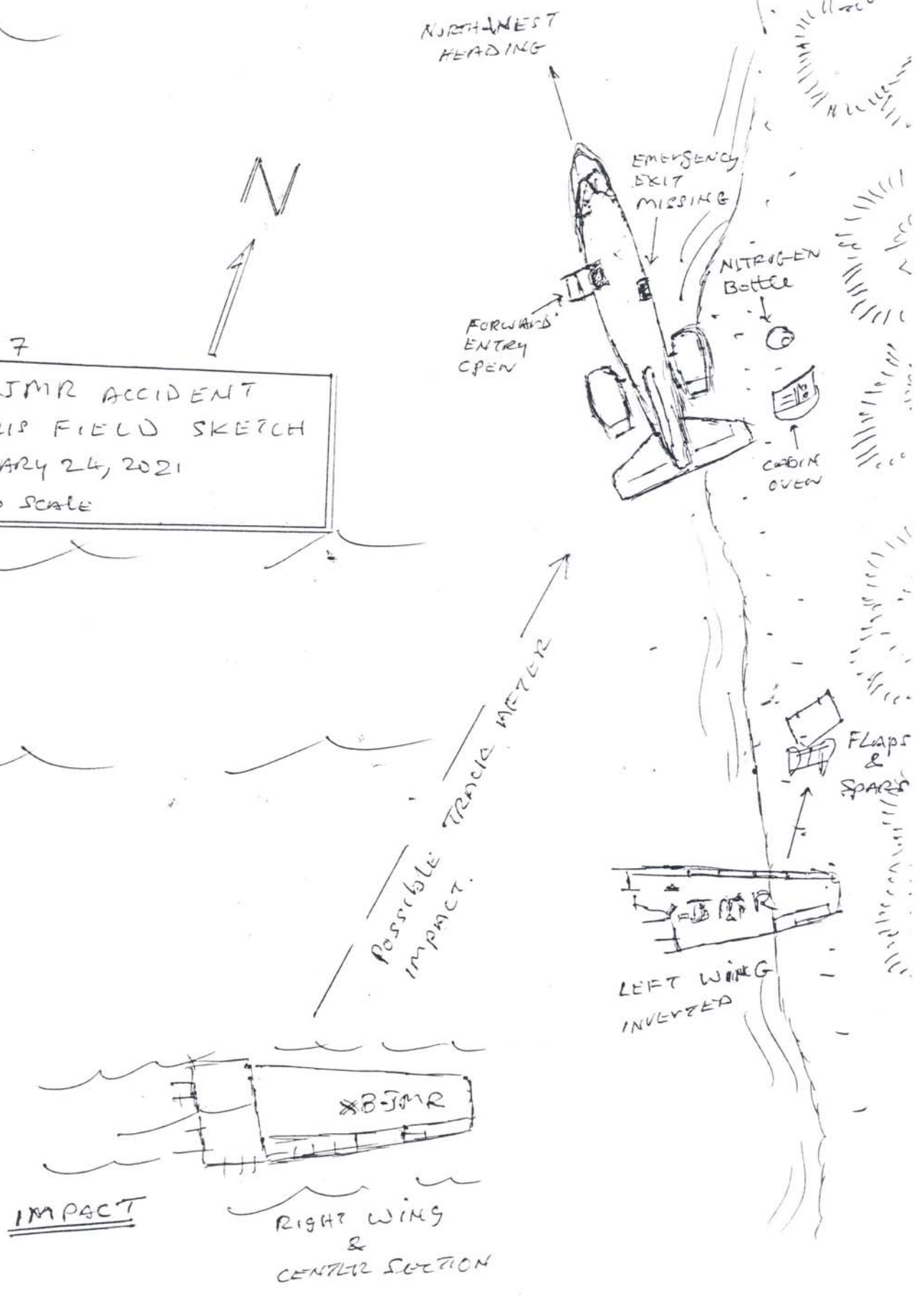
Right Engine Inlet

Figure 6

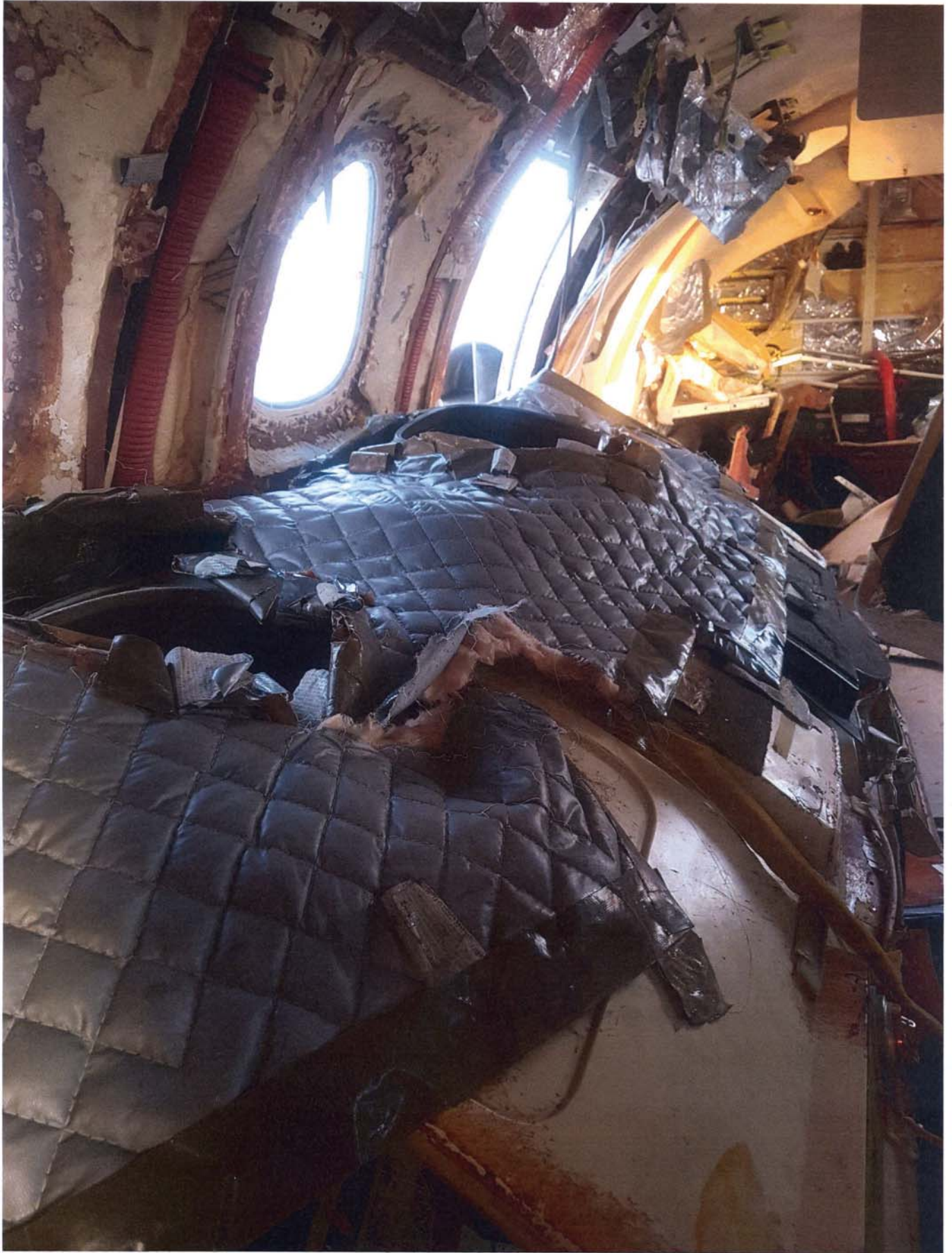


**Figure 6A**

FIG 7  
NOTE: XB-JMR ACCIDENT  
DEBRIS FIELD SKETCH  
JANUARY 24, 2021  
— NOT TO SCALE



# Aircraft Cabin



**Figure 8**