



## **NATIONAL TRANSPORTATION SAFETY BOARD**

Office of Aviation Safety  
Western Pacific Region

November 20, 2014

# **DYNON DATA REPORT**

**WPR14FA330**

## **A. ACCIDENT**

Location: Warren, Idaho  
Date: August 5, 2014  
Aircraft: Exp. Fitzgerald- Zenith CH750, Reg Number: N32FZ, Serial #: 1001  
NTSB IIC: Patrick H Jones

## **B. EXAMINATION PARTICIPANTS:**

Patrick Jones  
Title- NTSB IIC  
National Transportation Safety Board  
1152 Via Verde Ave., Suite 132  
San Dimas, CA 91773

## **C. SUMMARY**

Examination of the recovered Dynon Skyview multi-function display system was conducted by the NTSB Recorders Laboratory. The data was recovered from the unit and provided to the IIC for review.

Examination of the data recovered from the Dynon Skyview Multi-function system revealed the all recorded parameters were all functioning and recording until impact.

Times in this report are reported as Coordinated Universal Time (UTC). The accident occurred about 19:54:47 UTC, 13:54:47 Mountain Daylight Time (MDT).

### **Figure 1a- Aero Parameters**

Between 19:54:35 and 19:54:47 (last 12 seconds) conditions noted as;  
Indicated airspeed decreases from 50 knots to about 35 knots.  
Vertical speed decreases from +250 fpm to -250 fpm.  
Magnetic heading indicates a directional change from 360 to 270 degrees.

### **Figures 2a- Engine Data Graph**

Between 19:54.30 and 19:54:47 (Last 17 seconds) conditions are noted as;  
Indicated airspeed starts to decrease  
Pressure altitude is increasing  
Engine RPM is static at about 3,000 RPM  
Oil temperature, Oil pressure, & Fuel pressure are static

### **Figures 3a- Last Minute of Recorded Data**

Between 19:54:37 and 19:54:47 (Last 10 seconds) conditions are noted as;



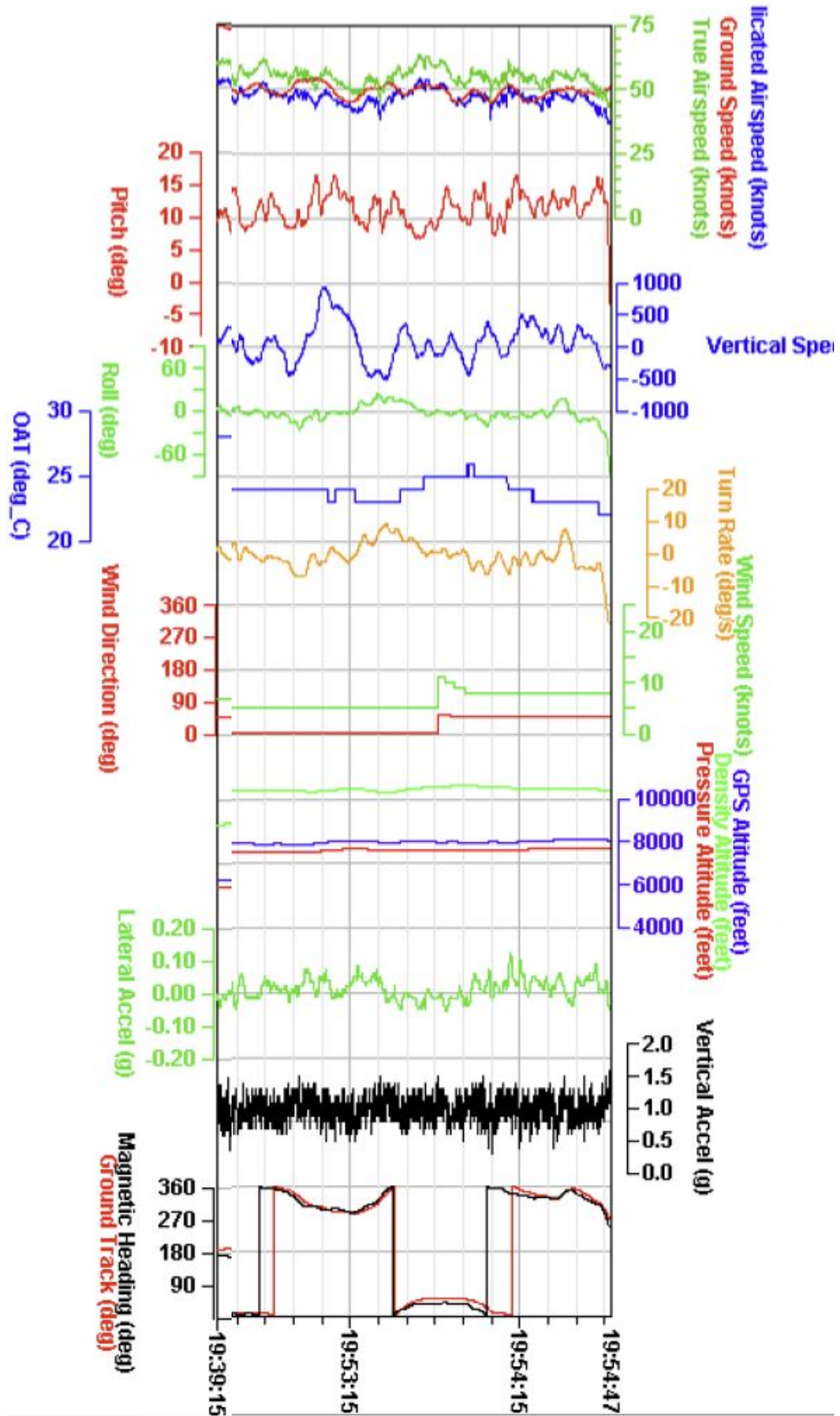


Fig 1a- Zoomed in portion of last 1.5 minutes- Fig 1-Aero Parameters



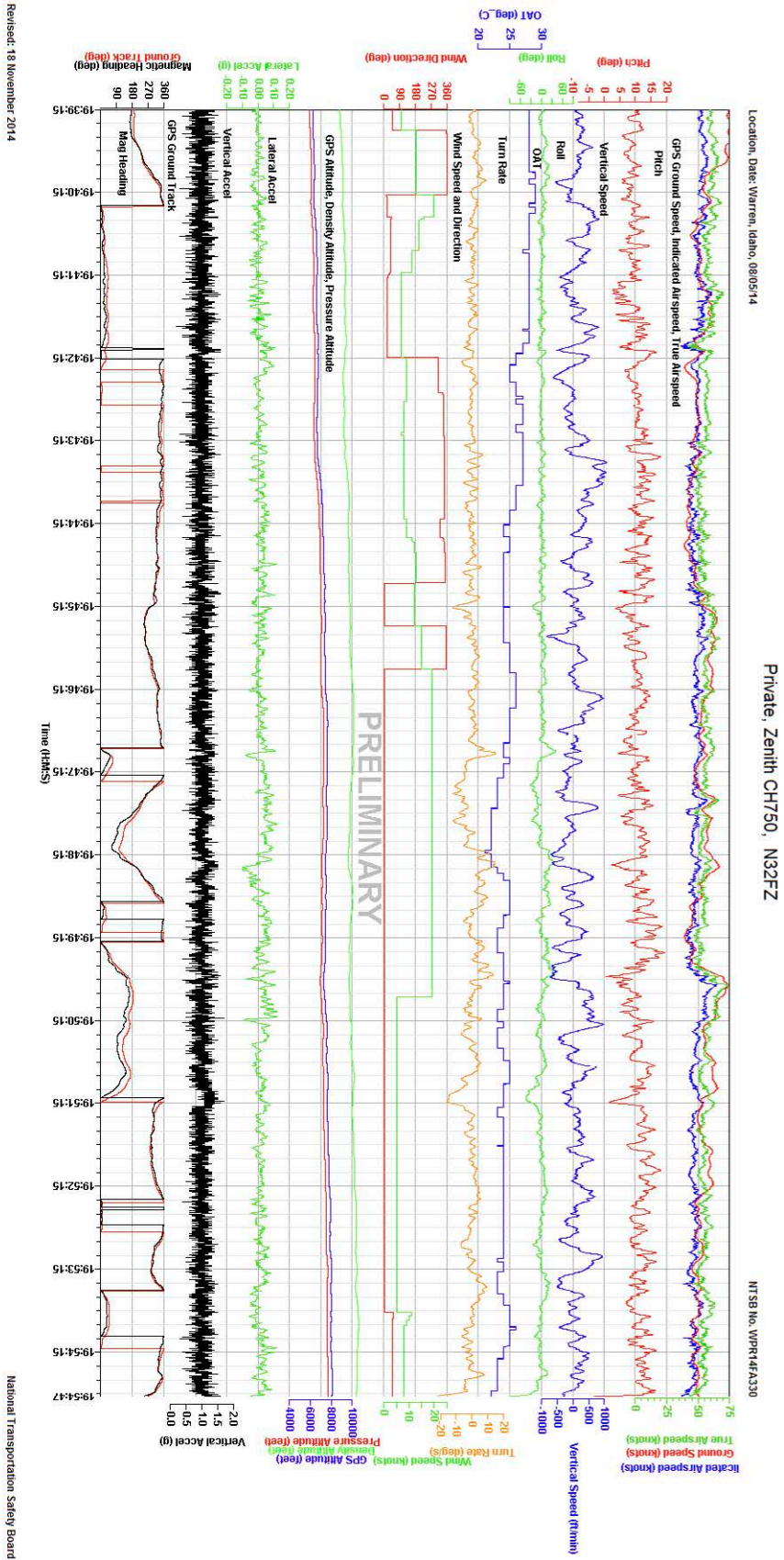


Fig 2- Data from Engine Parameters

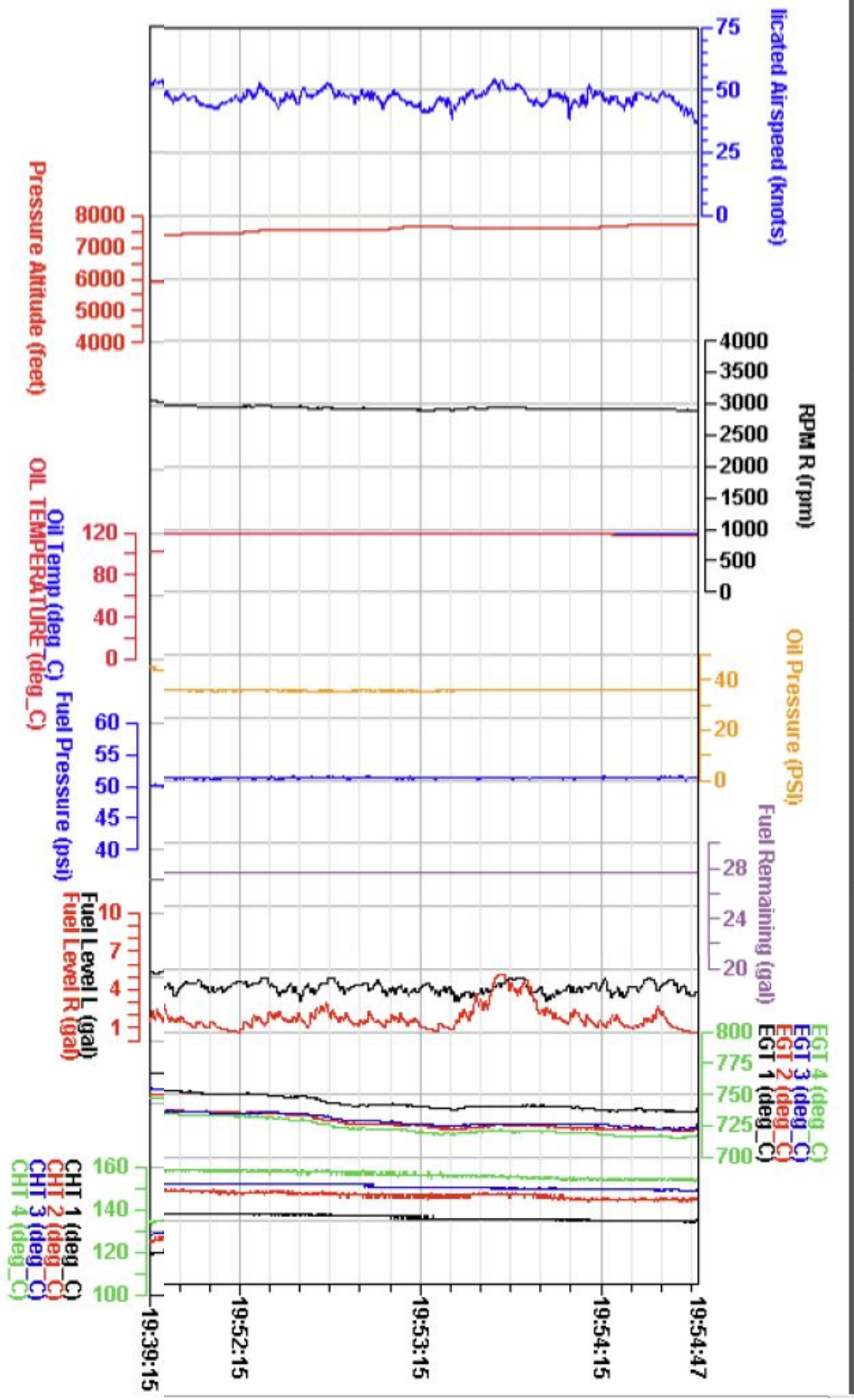
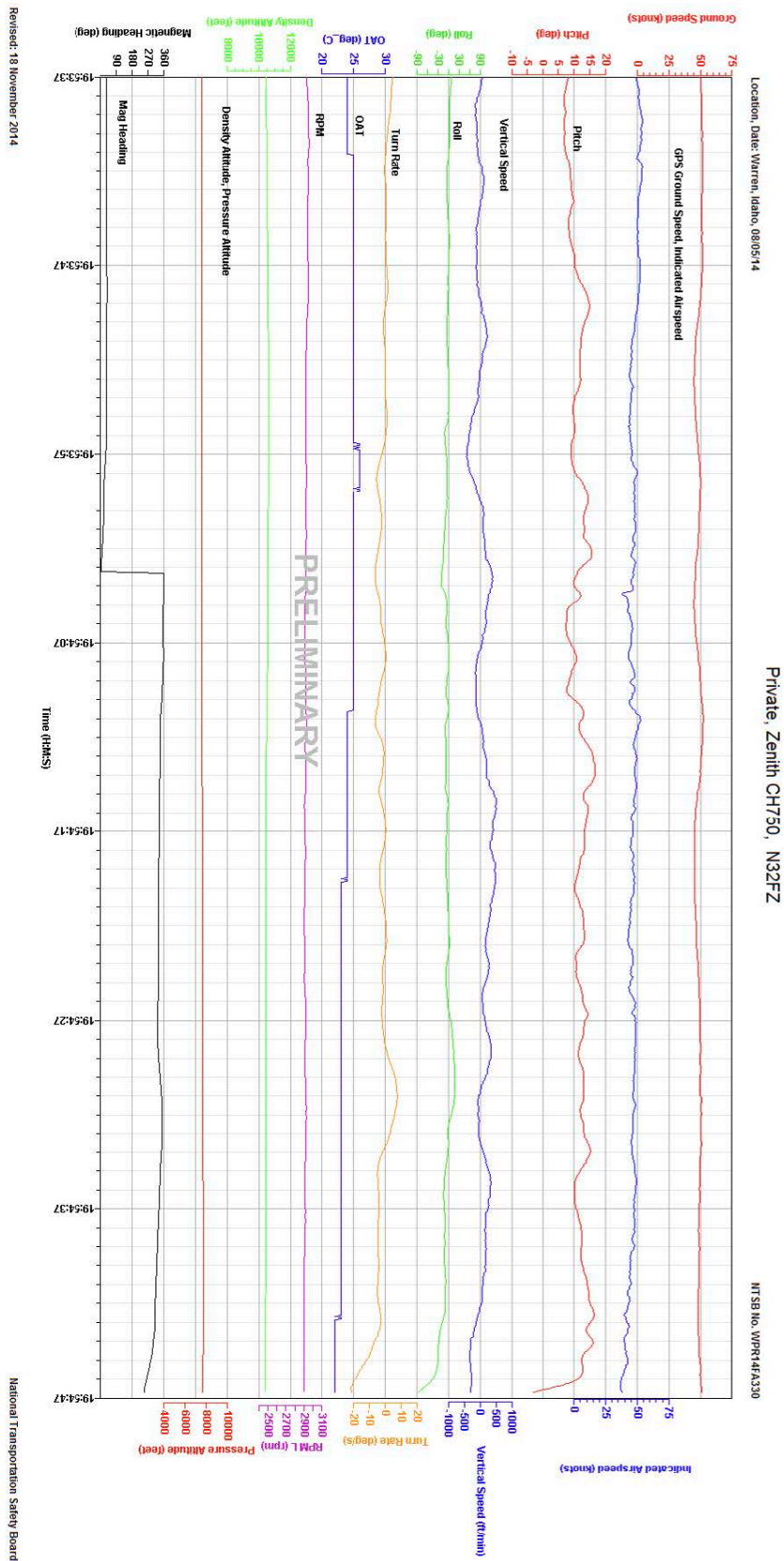


Fig 2a.- Zoomed in on last 2.5 minutes of Fig 2-Engine Parameters



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Fig 3.- Data from the last minute of flight from the Aero Parameters

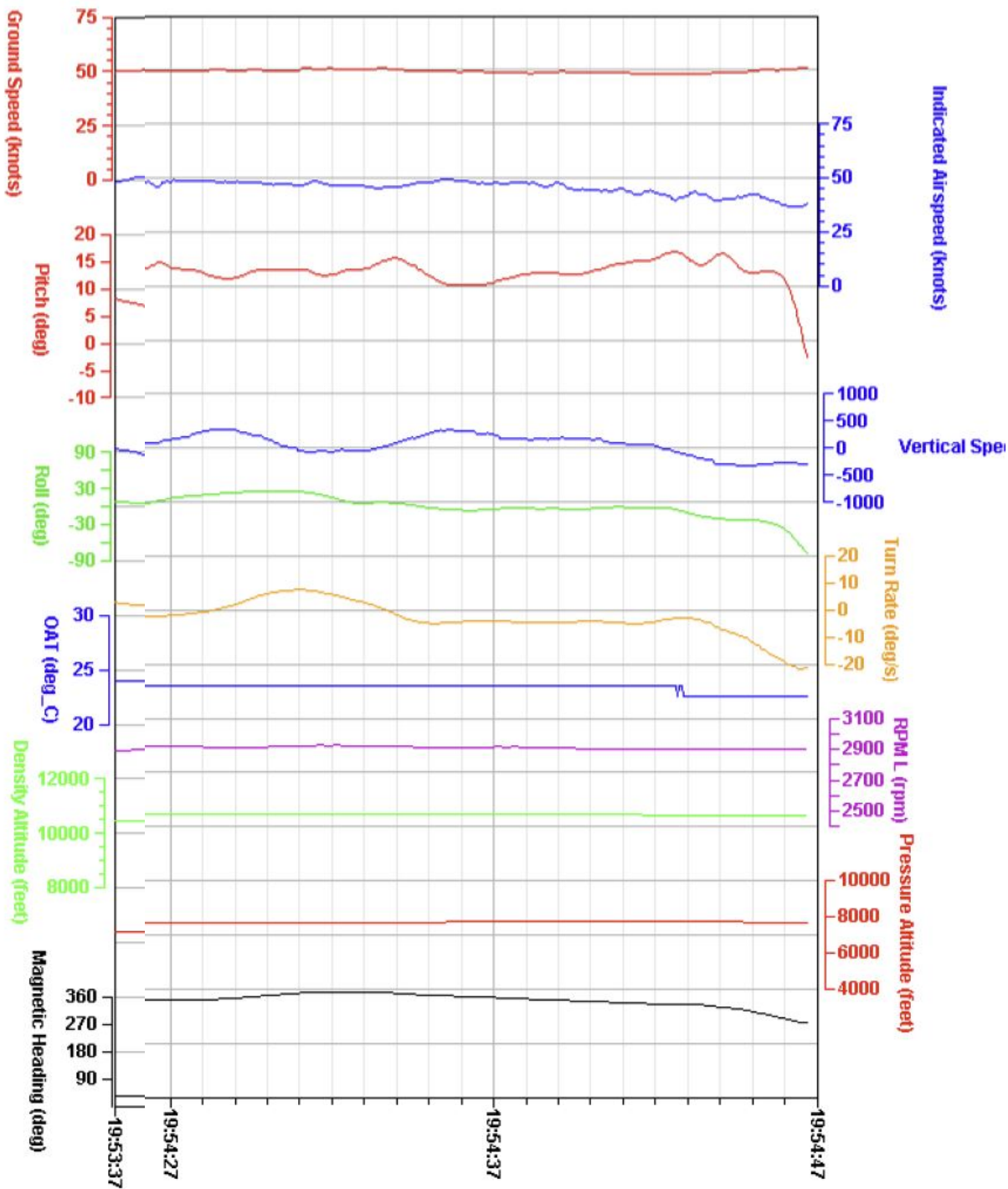


Fig 3a.- Zoomed in -Data from the last 20 seconds of flight from the Aero Parameters

Completed by: Patrick Jones