

root

|-- Session Time: double (nullable = true)
|-- GPS Fix Quality: integer (nullable = true)
|-- Number of Satellites: integer (nullable = true)
|-- GPS Date & Time: string (nullable = true)
|-- Latitude (deg): double (nullable = true)
|-- Longitude (deg): double (nullable = true)
|-- GPS Altitude (feet): integer (nullable = true)
|-- Ground Speed (knots): double (nullable = true)
|-- Ground Track (deg): double (nullable = true)
|-- Mag Var (deg): double (nullable = true)
|-- Cross Track Error (NM): double (nullable = true)
|-- Destination Waypoint ID: string (nullable = true)
|-- Range to Destination (NM): double (nullable = true)
|-- Bearing to Destination (deg): double (nullable = true)
|-- System Time: string (nullable = true)
|-- Pitch (deg): double (nullable = true)
|-- Roll (deg): double (nullable = true)
|-- Magnetic Heading (deg): double (nullable = true)
|-- Indicated Airspeed (knots): double (nullable = true)
|-- Pressure Altitude (ft): integer (nullable = true)
|-- Turn Rate (deg/s): double (nullable = true)
|-- Lateral Accel (g): double (nullable = true)
|-- Vertical Accel(g): double (nullable = true)
|-- Angle of Attack (%): integer (nullable = true)
|-- Vertical Speed (ft/min): integer (nullable = true)
|-- OAT (deg C): integer (nullable = true)
|-- True Airspeed (knots): double (nullable = true)
|-- Barometer Setting (inHg): double (nullable = true)

|-- Density Altitude (ft): integer (nullable = true)
|-- Wind Direction (deg): integer (nullable = true)
|-- Wind Speed (knots): integer (nullable = true)
|-- Heading Bug (deg): integer (nullable = true)
|-- Altitude Bug (ft): integer (nullable = true)
|-- Airspeed Bug (knots): double (nullable = true)
|-- Vertical Speed Bug (ft/min): integer (nullable = true)
|-- Course (deg): integer (nullable = true)
|-- CDI Source Type: integer (nullable = true)
|-- CDI Source Port: integer (nullable = true)
|-- CDI Scale (NM): double (nullable = true)
|-- CDI Deflection (%): integer (nullable = true)
|-- Glideslope (%): integer (nullable = true)
|-- AP Engaged: integer (nullable = true)
|-- AP Roll Mode: integer (nullable = true)
|-- AP Roll Force: integer (nullable = true)
|-- AP Roll Position (steps): integer (nullable = true)
|-- AP Roll Slip (bool): integer (nullable = true)
|-- AP Pitch Force: integer (nullable = true)
|-- AP Pitch Position (steps): integer (nullable = true)
|-- AP Pitch Slip (bool): integer (nullable = true)
|-- AP Yaw Force: string (nullable = true)
|-- AP Yaw Position: string (nullable = true)
|-- AP Yaw Slip (bool): string (nullable = true)
|-- Transponder Status: integer (nullable = true)
|-- Transponder Reply (bool): integer (nullable = true)
|-- Transponder Identing (bool): integer (nullable = true)
|-- Transponder Code (octal): integer (nullable = true)
|-- Oil Pressure (PSI)56: integer (nullable = true)

|-- Oil Temp (deg C): integer (nullable = true)
|-- RPM L: integer (nullable = true)
|-- RPM R: integer (nullable = true)
|-- Manifold Pressure (inHg): double (nullable = true)
|-- Fuel Flow 1 (gal/hr): double (nullable = true)
|-- Fuel Flow 2 (gal/hr): string (nullable = true)
|-- Total Fuel Flow (gal/hr): double (nullable = true)
|-- Fuel Pressure (PSI)64: double (nullable = true)
|-- Fuel Level L (gal): double (nullable = true)
|-- Fuel Level R (gal): double (nullable = true)
|-- Fuel Remaining (gal): double (nullable = true)
|-- Volts 1: double (nullable = true)
|-- Volts 2: string (nullable = true)
|-- Amps: string (nullable = true)
|-- Hobbs Time: double (nullable = true)
|-- Tach Time: double (nullable = true)
|-- Thermocouple 1 (deg C): string (nullable = true)
|-- Thermocouple 2 (deg C): string (nullable = true)
|-- Thermocouple 3 (deg C): string (nullable = true)
|-- Thermocouple 4 (deg C): string (nullable = true)
|-- CHT 4 (deg C): integer (nullable = true)
|-- EGT 4 (deg C): integer (nullable = true)
|-- CHT 3 (deg C): integer (nullable = true)
|-- EGT 3 (deg C): integer (nullable = true)
|-- CHT 2 (deg C): integer (nullable = true)
|-- EGT 2 (deg C): integer (nullable = true)
|-- CHT 1 (deg C): integer (nullable = true)
|-- EGT 1 (deg C): integer (nullable = true)
|-- Thermocouple 13 (deg C): string (nullable = true)

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|-- Thermocouple 14 (deg C): string (nullable = true)
|-- GP Input 1: string (nullable = true)
|-- GP Input 2: string (nullable = true)
|-- CARB TEMPERATURE (deg C): double (nullable = true)
|-- FUEL PRESSURE (PSI)90: double (nullable = true)
|-- PHEAT CONTACT (V): double (nullable = true)
|-- HDRTNK CONTACT (V): double (nullable = true)
|-- BATT CONTACT (V): double (nullable = true)
|-- GP Input 8: string (nullable = true)
|-- LEFT LEVEL (gal): double (nullable = true)
|-- RIGHT LEVEL (gal): string (nullable = true)
|-- OIL PRESSURE (PSI)97: double (nullable = true)
|-- OIL TEMPERATURE (deg C): double (nullable = true)
|-- GP Input 13: string (nullable = true)
|-- Contacts: string (nullable = true)
|-- Percent Power: integer (nullable = true)
|-- EGT Leaning State: string (nullable = true)
|-- _c103: string (nullable = true)
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