

WPR12LA432

Weather Data

Laramie (LAR)

September 21, 2012

METARS

KLAR 212053Z AUTO 35014G24KT 10SM CLR 22/M04 A3028 (1453 local)

KLAR 211953Z AUTO 34015G24KT 10SM CLR 22/M04 A3030 (1353 local)

En route weather overview provided by NTSB Senior Meteorologist

The following is weather information provided upon request of the NTSB IIC from an NTSB Senior Meteorologist relative to the en route weather conditions the pilot would have encountered during the flight.

The Senior Meteorologist reported that this pilot had a wind from around 320° to 330° at 30 knots for most of the flight...until about the WY border, when the wind direction switched to the northeast, and the wind slowed dramatically in speed. Wind speeds at between 9,000 and 10,000 feet msl from 0700 CDT (0600 MDT) and 1900 CDT (1800 MDT) for September 21st, 2012, show a strong northwest to west-northwest wind through the WY border at between 30 and 45 knots. Satellite image from 1245 CDT/1145 MDT shows the cloud cover along his route of flight. Just some small cumulus clouds in western MN and eastern SD, but nothing to worry about as far as icing is concerned.

Winds aloft over en route portion of flight

Wind direction then speed (knots)

LBF 12z (0700 CDT/0600 MDT) 00z (1900 CDT/1800 MDT) (North Platte, NB)

320 30 320 27

MPX (Minneapolis, MN)

305 30 315 25

ABR (Aberdeen, SD)

325 23 320 34

UNR (Rapid City, SD)

330 38 320 29

RIW (Riverton, WY)

20 11 65 6

BIS (Bismarck, ND)

340 32 335 32

Computer model (along route of flight) 1000 CDT/0900 MDT 1300 CDT/1200 MDT

294.2 34 328.3 32





