



J10/2/6950

## SOUTH AFRICAN CIVIL AVIATION AUTHORITY

### ACCIDENT REPORT – EXECUTIVE SUMMARY

|                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                              |                        |                                 |
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| <b>Date of Accident</b>                                                                                                                               | 23/09/1998                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Time of Accident</b>      | 0545z                  |                                 |
| <b>Aircraft Registration</b>                                                                                                                          | <b>ZS-LRX</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Type of Aircraft</b>      | <b>Piper PA 34-200</b> |                                 |
| <b>Pilot-in-command Licence Type</b>                                                                                                                  | Transport pilot                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                              | <b>Licence Valid</b>   | Yes                             |
| <b>Pilot-in-command Flying Experience</b>                                                                                                             | Total Flying Hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4095 hours                   | Total Hours on Type    | 380 hours                       |
| <b>Type of Operation</b>                                                                                                                              | Training                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                              |                        |                                 |
| <b>Last point of departure</b>                                                                                                                        | Port Alfred Aerodrome                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                              |                        |                                 |
| <b>Next point of intended landing</b>                                                                                                                 | Port Alfred Aerodrome                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                              |                        |                                 |
| <b>Location of the accident site with reference to easily defined geographical points (plus GPS readings if possible)</b>                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                              |                        |                                 |
| On Runway 28 at Port Alfred Aerodrome.                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                              |                        |                                 |
| <b>Meteorological Information</b>                                                                                                                     | Weather was reported to be fine.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                              |                        |                                 |
| <b>Number of people on board</b>                                                                                                                      | 2 + 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>No. of people injured</b> | Nil                    | <b>No. of people killed</b> Nil |
| <b>Synopsis</b>                                                                                                                                       | <p>The instructor was engaged in the final session of a multi-engine conversion. They had completed three normal full load and two asymmetric approaches. The final landing was a glide approach commencing at 3500 feet overhead the airport with the throttles set to zero thrust condition.</p> <p>Approaching the point where the student should have started to flare, the instructor noticed the speed was approximately 5 mph below the target speed of 105 mph. He noticed the student was aware of the situation and reminded her of the low power setting. When the student failed to increase power he attempted to cushion the landing by advancing the throttles and pulling back on the control column, but it was too late. The aircraft landed heavily, the undercarriage collapsed and it slid for about 200 meters on the runway until it came to rest.</p> |                              |                        |                                 |
| <b>Probable Cause</b>                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                              |                        |                                 |
| The student failed to maintain the correct airspeed and technique during the practised forced landing and the instructor did not timeously intervene. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                              |                        |                                 |