R200

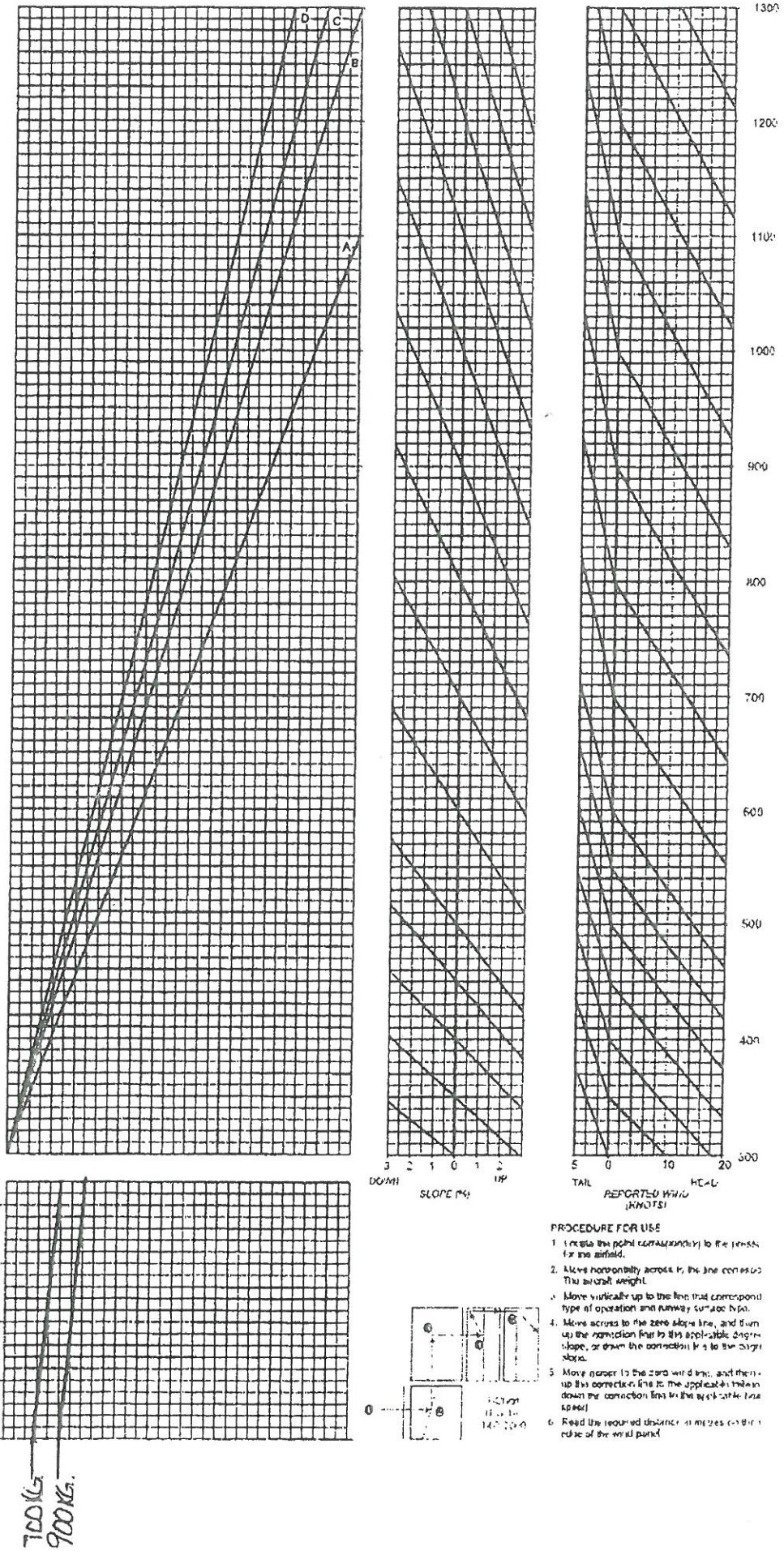
MASTER

LANDING

This chart was produced in accordance with Advisory Circular AC 119-3 using manufacturer's data to produce a chart which can be used for compliance with NZCAR Part 135 Subpart D Performance. The chart provides the total landing distance required from a height of 50 feet.
The chart incorporates the safety factors of
§135.211 Slope and Surface Corrections
§135.223(b) Landing Distance

Model: **R2160A**
FLAPS 35
POWER OFF

LINE A - Private Operations - Paved Runway
LINE B - Air Transport Operations - Paved Runway
LINE C - Air Transport Operations - Metal Runway
LINE D - Air Transport Operations - Grass Runway



START HERE

PROCEDURE FOR USE

1. Locate the point corresponding to the [illegible] for the airfield.
2. Move horizontally across to the line corresponding to the aircraft weight.
3. Move vertically up to the line that corresponds to the type of operation and runway surface type.
4. Move across to the zero slope line, and then up the correction line to the applicable degree of slope, or down the correction line to the slope.
5. Move across to the zero wind line, and then up the correction line to the applicable head or down the correction line to the applicable tail wind speed.
6. Read the required distance in metres on the left side of the wind panel.

R200

TAKE-OFF

This chart was produced in accordance with Advisory Circular AC 119-3 using manufacturer's data to produce a chart that can be used for compliance with NZCAR Part 135 Subpart D Performance. The chart provides the total take-off distance required to achieve a height of 50 feet. The chart incorporates the safety factors of

§135.209(a) Takeoff Distance
§135.211 Slope and Surface Corrections

Model: **R2160A**

T/O Configuration: **FLAPS 10**
FULL POWER

LINE A - Private Operations - Paved Runway
LINE B - Air Transport Operations - Paved Runway
LINE C - Air Transport Operations - Metal Runway
LINE D - Air Transport Operations - Grass Runway

START HERE

AMBIENT TEMPERATURE (°C)

0 10 20 30

4000'
3000'
2000'
1000'

ISA+20
ISA+10
ISA

PRESSURE ALTITUDE (FEET)

D C B A

DISTANCE REQUIRED METRES

1300 1200 1100 1000 900 800 700 600 500 400 300

3 2 1 0 1 2
UP DOWN
SLOPE (%)

5 0 10 20
TAIL HEAD
REPORTED WIND (KNOTS)

PROCEDURE FOR USE:

1. Locate in the point corresponding to the ambient temperature and pressure altitude for the day.
2. Move horizontally across to the line corresponding to the takeoff weight.
3. Move vertically up to the line that corresponds to the type of operation and runway surface type.
4. Move across to the zero slope line, and then either back up the correction line to the applicable degree of up slope, or down the correction line to the degree of down slope.
5. Move across to the zero wind line, and then either back up the correction line to the applicable tailwind speed, or down the correction line to the applicable headwind speed.
6. Read the required distance in metres on the right hand edge of the wind panel.

F-Chart
to 1-6
14-7-2000

R200 R800 R900