



REDCLIFFE AERO CLUB

CESSNA C152 VH-BUQ

NEVER EXCEED SPEED (Vne)	149 KTS
MAX STRUCTURAL CRUISING SPEED (Vno)	111 KTS
MANOEUVERING SPEEDS (Va)	757 KG 104 KTS
.....	681 KG 98 KTS
.....	613 KG 93 KTS
PLANNING TAS.....	95 KTS
MAX FLAP EXTENSION (Vfe) 10° to 30°	85 KTS
BEST GLIDE SPEED	60 KTS
ENROUTE CLIMB	70-80 KTS
AFTER TAKEOFF CLIMBOUT	65-75 KTS
BEST ANGLE OF CLIMB (Vx).....	55 KTS
BEST RATE OF CLIMB (Vy)	67 KTS
SHORTFIELD TAKE OFF SPEED	54 KTS @ 50 FEET
FINAL APPROACH SPEED (30° FLAP)	65 KTS
BASE SPEED	75 KTS
FLAPLESS APPROACH SPEED	70 KTS
STALL SPEED (FLAPS DOWN)	35 KTS
STALL SPEED (FLAPS UP).....	40 KTS
USABLE FUEL.....	92 LTS
TOTAL FUEL CAPACITY	98 LTS
PLANNED FUEL CONSUMPTION.....	25 LTS/HR
OIL CAPACITY	4 - 6 QTS
MAX TAKE OFF WEIGHT	757 KGS
BASIC EMPTY WEIGHT	535 KGS
MAX CROSSWIND COMPONENT	15 KTS
RUN UP	1700 RPM
MAX RPM DROP PER MAG	125 RPM
MAX DIFFERENCE BETWEEN L/R MAGS	50 RPM
STATIC RPM	2280 - 2380 RPM

Note: Redcliffe Aero Club Advisory Information Only. ALL pilots should refer to pilots operating handbook for full and correct data.

LOAD DATA SHEET

DA 735

Organisation :	Redcliffe Aero Club		
Aircraft Type :	Cessna 152	Aircraft Reg. VH- BUQ	Serial No. 15282828
Approved Loading System :	I A W Manufacturer's Pilot Operating Handbook / Flight Manual		

Authorised	Date	Date of Expiry	Issue
A. R. Parsons	30.5.2001	Indefinite	Two

Empty Aircraft Weight and Balance

Item	Weight(kg)	Arm(mm)	Index Units	Configuration
Empty Weight	535.0	768	410761	2 Seats

Remarks

Empty : Unusable Fuel and Full Oil.

oooOOOooo

APPROVED

SIGNED.....

DATED / 30.5.2001

A. R. Parsons AQ 40

M/S 357

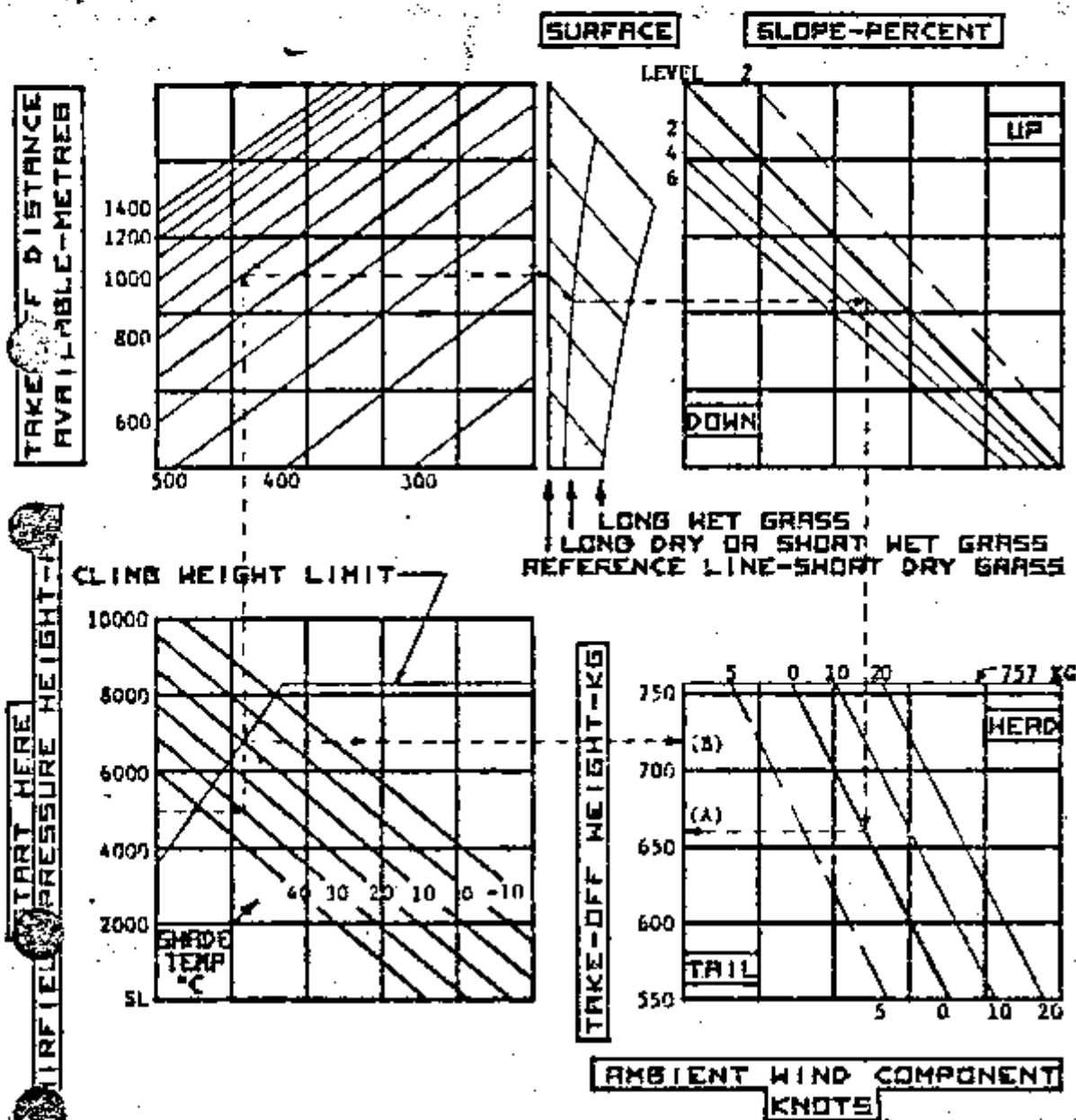
Crows Nest. Qld. Australia 4355

Ph/Fax 07 4698 1297

Mobile 04 2898 1297



TAKE-OFF WEIGHT CHART



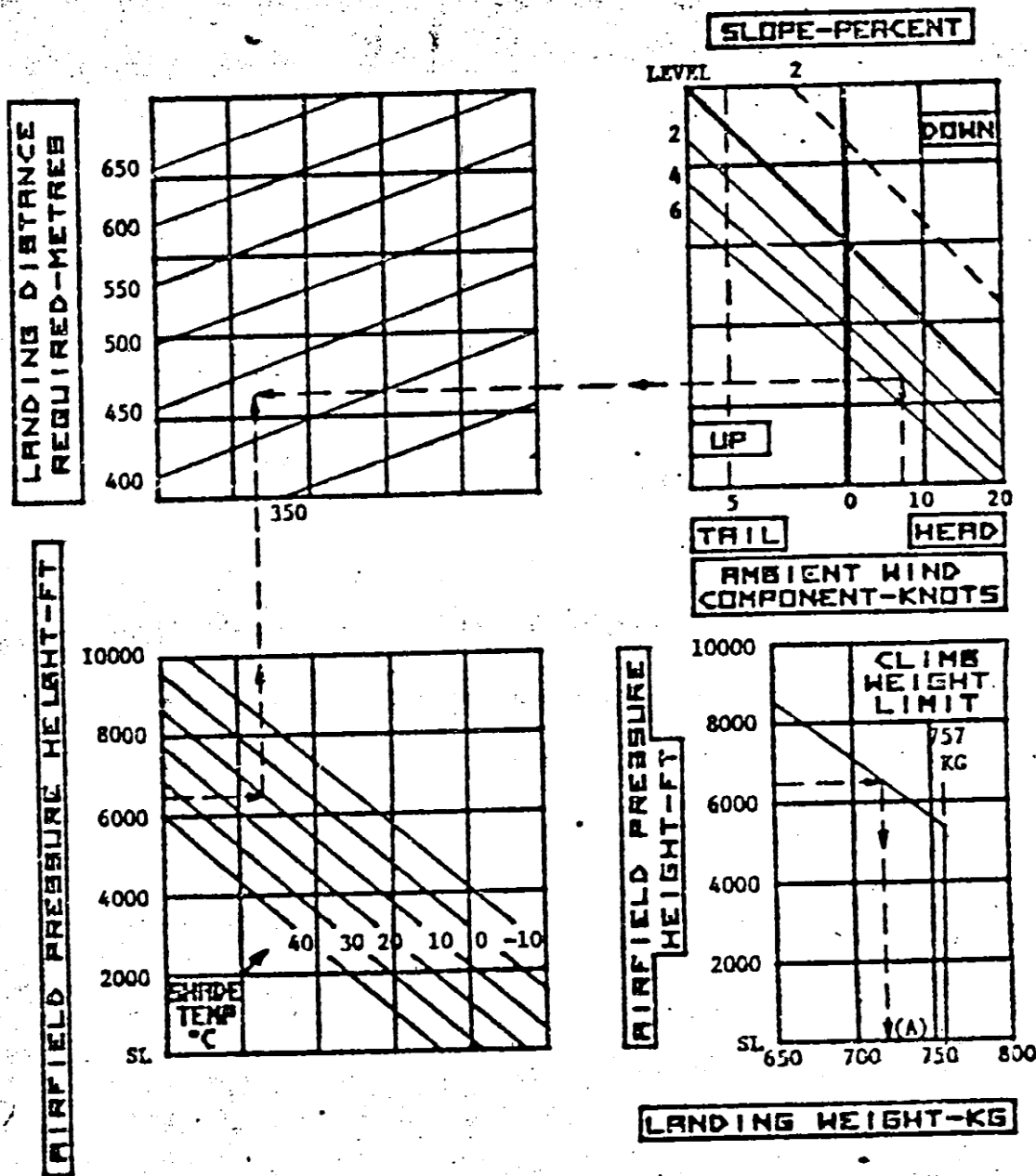
NOTE-

THE GROSS WEIGHT AT TAKE-OFF SHALL NOT EXCEED THE LESSER OF (A) AND (B)

POWER	FULL THROTTLE
FLAP SETTING	10 DEGREES
TAKE-OFF SAFETY SPEED	54 KNOTS IAS
TAKE-OFF DIST. FACTOR	1.15

CESSNA MODEL 152
1 JUNE 1977

LANDING CHART



NOTES—

- (1) THE GROSS WEIGHT AT LANDING SHALL NOT EXCEED (A)
- (2) LANDING DISTANCE REQUIRED DOES NOT VARY WITH HEIGHT

FLAP SETTING	30 DEGREES
APPROACH SPEED	54 KNOTS IAS
LANDING DIST. FACTOR	1.15