

<u>Pre-Landing Checklist</u>	LS-4a
U Undercarriage	Down & Locked
S Speed	55 kts.
T Trim	Set for 55 kts.
A Airbrakes	Test & Hold
L Look	Winds, Runway, Traffic

*** Post Flight Check ***

<u>Pre-Takeoff Checklist</u>	LS-4a
Master & Radios	On & Ckd voltage
Seats	Adjusted Latched
Wt & Balance	Checked
Rudder Pedals	Adjusted
Seat Belts	Adjusted
Controls	Free & Correct
Trim	Set for Takeoff
Altimeter	Set Field Elevation
Instruments	Set & iPaq

Divebrakes	Locked Closed
Canopies	Closed & Locked
Emergency Plan	200' call
Wind Direction & Speed Within Limits	
Cable, Weak Link, Ring Correct?	

Call out 200' - Confirm Release - Gear UP

Min Sink	43 - 45	Max. T.O. Wt.	1,157#
L/D	49 - 54	Empty Wt	507#
Vs		Min Load	154#
Speed to Fly in:		Max. Cockpit Wt.	242#
100' sink	68 kts	Min. Pattern	49 kts
300' sink	80 kts	Max. Winch	76 kts
500' sink	103 kts	Max. Weak Link	1323 # White
LS-4 40:1		Angle of Bank	Stall Speed
Sinks @ 120 '/min.		0	35 - 38
Va maneuver 103 kts		20	36 - 39
@ Va +5.3 or - 2.65		40	40 - 43
All Gust + 1/2 Wind		60	50 - 53
Canopies, Belts, Butt		Bank Angle	0° 30° 45° 60°
5 S's = Size, Surface,		Load Factor	1.0 1.2 1.4 2.0
Slope, Surround, Stock		Stall Inc. %	0 7 19 41
		At & Above 12,500'	:30
		Above 14,000'	ON
		belt controls & 3 sec. Canopy	
		Each Wing holds a max of 22.45 gal	
		Confirm valves open normally	