

G-103 N705MS

BEFORE TAKEOFF CHECKLIST		
TAIL DOLLY	REMOVED	If applicable (ASK-21, Cirrus)
C CONTROLS	FREE & CLEAR	Check full range of movement
B BALLAST	CHECKED	Look for ballast; pilot(s) within weight range
S STRAPS	SECURE	Front & back seat
I INSTRUMENTS	SET	Altimeter 800', radio 122.8 volume up
T TRIM	SET	Adjust for takeoff
C CANOPY & CABLE	CLOSED & LOCKED	Check pins/latch; push up to ensure secure
B BRAKES	CLOSED & LOCKED	Check full range and locked closed
TOWLINE	Attached and checked	
CHECK WINDS	Plan for headwind or crosswinds	
EMERGENCY PLAN	On runway, below 200', above 200'	
RADIO	Call towplane with planned tow altitude	
LIMITATIONS		
PILOT WEIGHT	Front 154-242 lb; Rear 242 lb max; Total 389 lb max	
MAX TOW	92 kts	11 kt max T/O crosswind
MANEUVER SPEED	92 kts	
VNE	135 kts	

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LANDING CHECKLIST		
*** ACCOMPLISH FROM MEMORY, THEN QUICK REVIEW AS NEEDED ***		
U UNDERCARRIAGE	DOWN & LOCKED	(Cirrus) Physically confirm locked down
S SPEED	_____ KTS	Best L/D + 1/2 wind + gust factor
T TRIM	SET	Trim for pattern speed
A AIRBRAKES	CHECKED	Check, keep hand on
L LOOKOUT		Traffic pattern, runway, winds, aimpoint
L LAND		Pattern radio calls, land on main wheel
PERFORMANCE		
	<u>SOLO</u>	<u>DUAL</u>
STALL	36 (41 w/airbrakes)	41 (46 w/airbrakes)
MIN SINK - 138 fpm	43 kts	46 kts
BEST L/D - 37:1	51 kts	57 kts
(6.1 NM GLIDE PER 1000')		