

Radio Procedures 1: **Start-up to Take off** at Blank Airport with **Full Air-Traffic Control** **Callsign: G-TSOB**

© Youth & Education Support 2007

Pilot or Radio Operator: Rans S6 G-TSOB	Air Traffic Control Officer: in Blank Tower	Reason for transmission
<i>Climb in, strap in, brief passenger(s), do pre-engine start checks,</i>		
Blank Tower, GOLF - TANGO SIERRA OSCAR BRAVO	GOLF - TANGO SIERRA OSCAR BRAVO Pass your message	Opening communications
GOLF-TANGO SIERRA OSCAR BRAVO is a RANS S6 next to the North Hangar, for VFR flight to Walden with 2 POB. Request engine start.	GOLF - OSCAR BRAVO Start approved. Runway in use 26 QNH 1009	Passing information; VFR means Visual Flight Rules; POB means Persons On Board. ATC has shortened the callsign to G-OB (no offence!), so you can shorten it too.
Runway 26 QNH 1009 GOLF - OSCAR BRAVO	GOLF - OSCAR BRAVO Read-back correct	Confirming important info with read-back
<i>Set QNH in Altimeter, turn off your radio, shout "Clear Prop", start engine, check oil pressure, starter light off and turn radio back on</i>		
GOLF - OSCAR BRAVO Request taxi	GOLF - OSCAR BRAVO Taxi holding point ALPHA 2 via ALPHA for runway	Requesting and obtaining taxi information
Taxi holding point ALPHA 2 , runway 26 via taxiway ALPHA, GOLF - OSCAR BRAVO	GOLF - OSCAR BRAVO report ready for departure	Confirming taxi information
Wilco GOLF - OSCAR BRAVO		Acknowledging request to report ready
<i>Taxi to Alpha 2 hold, via taxiway Alpha, doing brakes and turns checks, then power and take-off checks</i>		
GOLF - OSCAR BRAVO Holding at ALPHA 2. Ready for departure to the North with short backtrack	GOLF - OSCAR BRAVO line-up with backtrack	Reporting ready and intention to go back towards the runway threshold. ATC gives instruction to line-up.
Line-up with backtrack GOLF - OSCAR BRAVO	GOLF - OSCAR BRAVO Cleared for departure to the North, not above 2000 feet, squawk 4362	Instruction confirmed. ATC gives <u>Departure Clearance</u> (often as you are moving towards the runway, just to make it hard to write down!)
Cleared for departure to the North, not above 2000 feet, negative squawk GOLF - OSCAR BRAVO		Confirming departure clearance – you can't depart until you are <u>cleared for take-off</u> . Squawk is a transponder code – "negative squawk" means yours is U/S or not there!
<i>Taxy onto runway, keep looking for traffic on final, or coming the other way, on the ground or in the air</i>		
GOLF - OSCAR BRAVO Lined up 26	GOLF - OSCAR BRAVO cleared for take-off, wind 220 6 knots	Reporting on runway 26, ready to go. Receiving permission to take-off.
Cleared for take-off GOLF - OSCAR BRAVO		Confirming you have clearance to take-off and taking off without undue delay.
<i>Take-off, climb out, do after take-off checks, flaps, fuel pump off etc as necessary</i>		
	GOLF - OSCAR BRAVO , change to Blank Radar 122.750	
Changing to Blank Radar 122.750 GOLF - OSCAR BRAVO		Say '.' as 'decimal' and '0' as 'zero'. You're on your way now. Change frequency and listen, then call when the frequency is clear.

Radio Procedures 2: **Overhead Join, Circuit and Landing** at Blank Airport with **Full ATC**

Callsign: G-TSOB

© Youth & Education Support 2007

Pilot or Radio Operator: Rans S6 G-TSOB	Air Traffic Control Officer: in Blank Tower	Reason for transmission
<i>Approaching Blank Airport at 2500 ' for a standard overhead join on Blank Radar frequency 122.750</i>		
Blank Radar, GOLF - TANGO SIERRA OSCAR BRAVO	GOLF - TANGO SIERRA OSCAR BRAVO Pass your message	Opening communications.
GOLF-TANGO SIERRA OSCAR BRAVO is a RANS S6 at 2,500 feet just North of Cirencester with 2 POB for re-join.	GOLF - OSCAR BRAVO Runway in use 26 Left-hand. QFE 998 millibars, report airfield in sight.	Passing position and intentions. POB means Persons On Board. Info on runway, circuit direction and surface pressure passed.
Runway 26 left-hand, QFE 998 millibars. Report airfield in sight. GOLF - OSCAR BRAVO		Confirm runway and QFE, using 'millibars' if less than 1000. Call-sign shortened by ATC.
GOLF - OSCAR BRAVO airfield in sight	Roger GOLF - OSCAR BRAVO. Contact Blank Tower on 118.9	
Contact Blank Tower on 118.9 GOLF - OSCAR BRAVO		Change frequency, listen out and call up tower.
Blank Tower, GOLF - TANGO SIERRA OSCAR BRAVO	GOLF - OSCAR BRAVO runway 26 QFE 998 millibars, left-hand circuit at 1000 feet. Report overhead 08 threshold.	Information for circuit passed; and reporting point. ATC needs to know position to ensure separation from other traffic.
Runway 26 QFE 998 millibars left-hand circuit at 1000 feet. Report overhead 08 threshold. GOLF - OSCAR BRAVO		Joining information confirmed.
<i>Head for the centre of the airfield, descending to 2000' turning left over the 26 threshold to descend 'deadside' and come over 08 threshold at circuit height.</i>		
GOLF - OSCAR BRAVO Overhead 08 threshold.	GOLF - OSCAR BRAVO Roger, join downwind. Traffic is a Cessna late downwind.	Position report. Traffic information passed.
Join downwind. Traffic in sight. GOLF - OSCAR BRAVO		Confirming next action and visual with traffic.
<i>Continue at circuit height and turn onto downwind, reporting once there.</i>		
GOLF - OSCAR BRAVO downwind for 26	Roger GOLF - OSCAR BRAVO You are number two after the Cessna. Report final.	Position report and landing order.
Number two after the Cessna, report final. GOLF - OSCAR BRAVO		
<i>Continue downwind maintaining separation from the Cessna ahead and at circuit height</i>		
GOLF - OSCAR BRAVO Final.	GOLF - OSCAR BRAVO cleared to land, wind 240 7 knots	
Cleared to land. GOLF - OSCAR BRAVO	GOLF - OSCAR BRAVO, exit at CHARLIE and taxi to GA terminal. Time of landing 35.	A lovely approach and another smooth landing – well done! '35' means minutes past the hour.
Exit at CHARLIE for taxi to GA terminal. GOLF - OSCAR BRAVO		Confirm taxi instructions.
Runway vacated. GOLF - OSCAR BRAVO	Roger GOLF - OSCAR BRAVO	Sometimes there is a separate ground frequency to change to at this point.