
Minnesota Soaring Club

Member Skills which Require Training

March 3, 2000

Overview

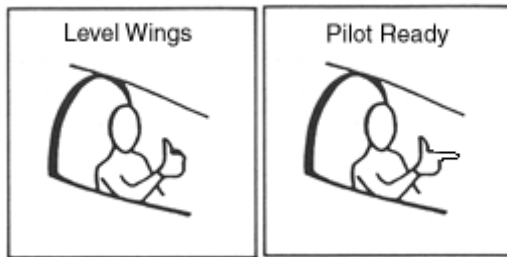
This document was created as a way to document skills which should be handed down from experienced club members to less experienced club members. It has been suggested that the club should organize a training day every spring to be used to pass these skills on. This would most likely be organized by the director of operations.

Skills List

- Tow-rope splicing
- Wing running
- F.O.O. Responsibilities, duties and authority – see MSC Member Handbook
- Glider handling in general
 - Be careful with fragile control surfaces
 - Canopies scratch and crack easily
 - Canopy opening and closing
 - Reach in the window and lift using the canopy latching lever.
 - Never lift on the top of the canopy window.
 - Pulling glider by the wingtips only can put large stresses at wing roots
 - Walking the wingtip
 - Rotating particular gliders (lift tail or hold down nose)
 - Ground handling
 - Normal
 - High wind
- Cleaning gliders before flight and after if they are buggy - Bugs get much more difficult to remove over time.
- Glider assembly and disassembly and putting each glider in its trailer
- Taking down and hanging up gliders in the main hangar
- Moving a glider in and out of a hangar with a narrow main door
 - This involves spinning the sailplane around on the main wheel to get it in and out of a hangar which has a door that is smaller than the wingspan of the sailplane.
 - Currently the Owl and Junior are kept in a hangar with a narrow door.
- Retrieving gliders – Bringing them back to the flight line after a landing
- Walking or driving on the runway
 - Stay on East edge of N/S runway
- **Always** check for traffic (aircraft) before crossing a runway
- Tow cart
 - Fuel requirements
 - Operating instructions
- Pre-flight
 - Must be done before each glider is flown each day

- Positive control check
 - Must be done before each glider is flown each day
 - Person who does it should log it in the aircraft maintenance logbook in the glider
- Towrope hookup to glider
- Towplane towrope winch mechanism
 - Fixing snarls
- Logging flights on the flight data sheet
 - Log all flights in club and private gliders
- Flight line signals – See diagrams below
 - Glider Pilot
 - Towplane signal person

Signals Unique to the Minnesota Soaring Club



Signals From SSA Glider Flight Manual

