

Study Notes

1. Taxiing On The Water

There are three types of water taxi used with a floatplane:

1. Idle Taxi
2. Plow Taxi
3. Step Taxi

The floatplane stays afloat in idle and plow taxi due to the floats' buoyancy. The floatplane stays afloat in step taxi due to planing action (like water skis).

The checklist prior to idle, plow or step taxi and take-off, landing or sailing is the acronym "F.A.R.T.S".

- F. Flaps and Flight Controls Checked
- A Area Clear
- R. Water Rudder Up (or Down)
- T. Trim Set
- S. Stick Aft (or Forward)

The characteristics of the three water taxi types are summarized below:

Type	Flaps	Area	Water Rudders	Trim	Sticks	Power	Ailerons
Idle	Zero	Clear	Down	Set	Aft or Fwd	Max 1000 RPM	Headwind into Wind Tailwind Away From
Plow	Zero	Clear	Down	Set	Aft	Full Power then 2000 RPM	Headwind into Wind Tailwind Away From
Step	Zero	Clear	Up	Set	Aft, then as req'd.	Full Power, then Appx. 2000 RPM	As Req'd. to keep wings lvl, (usually into turn)