

TAILWINDS FLYING CLUB

Summer 2016 Safety Session

Airmanship

**Elevate yourself from a “good” pilot
to a “professional” pilot.**

This is an Interactive Session

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- What is Airmanship?

Airmanship can be defined as:

- A sound acquaintance with the principles of flight,
- The ability to operate an airplane with competence and precision both on the ground and in the air, and
- The exercise of sound judgment that results in optimal operational safety and efficiency.

More than that...

Elevating yourself from “achieving the PTS/ACS standards” to “the professional pilot”

- Why?

Safety of you and the person in the right seat of the plane (Loved one, good friend, Young Eagle, ...) and others around you

To better the Aviation Community

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Let's discuss...

- Preflight
- Taxi
- Takeoff
- Cruise
- Decent

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Preflight...

- Preparation and planning are key... if you don't have a good start, how can you expect to recover...
- Risk Assessment (ADM) - PAVE
- Pilot - IMSAFE
- Aircraft – Preflight flow, use of checklists, W&B
- Environment – Weather, NOTAMS, Nighttime flying
- External – Get There'ites, Alternate plans

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Summary - Preflight...



- Physically/Mentally Fit
- Uninterrupted, thorough preflight, use of checklist
- Complete picture of weather, airport
- Use of flight plan and W&B
- Discussed alternate plan with passenger (before flight)
- Well-rehearsed passenger briefing

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Taxi...

- Starting of the engine
- Taxi - Talking with passengers, completing checklist/run-up items
- Run-up
- Radio calls

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Summary - Taxi...



- Proper engine start
- Thorough radio calls (one, complete transmission on freq)
- Airport diagram out with anticipated taxi plan
- Power needed for taxi, something brake action
- Appropriate location for run-up
- On the yellow line, not multi-tasking, crosswind control surfaces

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Takeoff...

- Enter runway
- Down the runway
- Takeoff technique

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Summary - Takeoff...



- Clear final approach
- Look at wind sock and adjust
- On centerline the entire time
- Adjust for p-factor, no wing dip
- Execute noise abatement procedures

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Cruise...

- Direct?
- Fuel

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Summary - Cruise...



- Leaning according to POH
- Maintain situational awareness, always looking for landing area
- Staying ahead of the plane, flight plan, and fuel plan
- Listening to 121.5
- Submit PIREPs

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Descent...

- Cruise lulled you into comatose state, approach can get really busy...
- When to descend
- How fast to descend
- Pattern technique
- GUMPS

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Summary - Descent...



- Anticipate and execute descent plan
- Use descent checklist
- Proper radio calls
- Maintain pattern altitude
- Plan for the go-around, land if it feels right (i.e. stable approach)

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Handout

- After each flight rate your performance for each task (0=forgot to do it, 1=poor, 5=perfect)
- Good pilots will achieve 1-3 for each task
- Professional pilots **strive** to achieve 4-5 for each task

Interested in more...

- www.pilotworkshops.com/airmanship

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Spring 2016 Safety Session

Thanks for Attending!