The National FAA Safety Team Presents

Topic of the Month – March 2024 Pilot Proficiency, *WINGS* for Clubs and E-Z *WINGS*

Presented to: Safety Minded Aviators, Everywhere...

By: Stephen Bateman, CFI, AOPA Flying Clubs

Date: Tuesday 19th March 2024

Produced by: The National FAA Safety Team (FAASTeam)



Federal Aviation Administration



Welcome

- Steve Bateman, CFI; AOPA Flying Clubs; Chocks Away Aviation, LLC
- FAASTeam Lead Rep Portland FSDO; WINGSPro





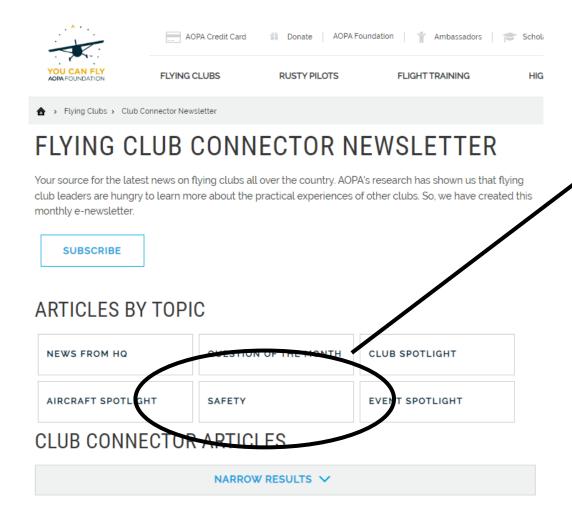
- Your monthly 33-minute dose of aviation safety
- Earn ½ WINGS knowledge credit
- Contact Info: sbateman7799@gmail.com







youcanfly.aopa.org/flying-clubs/flying-club-newsletter



CLUB CONNECTOR | FEBRUARY 18, 2024

Safety Topic of the Month: Preflight in a Box

In this safety section, we'll continue the general theme of February's Club Connector newsletter—getting ready for flying season—and will take a dive into preflight inspections, for both aircraft and pilots. We'll also introduce the latest FAASTeam large-scale community outreach efforts of "Preflight-in-a-Box" and "First Responders Training". Hopefully, more attention to the first one will involve less reliance on the second.

GO TO ARTICLE >

CLUB CONNECTOR | JANUARY 21, 2024

Safety Topic of the Month: Human Performance and Safety Culture

In this month's safety section, we will take a slightly fresh look at the topic of Human Performance and how it plays a vital role in everything we do as aviators. Based on decades of data, we will speculate that the majority of general aviation accidents are not accidental at all. In fact, both the number and classification of these events are highly predictable. Does this worry you? We hope so, because then we can collectively do something about it!

GO TO ARTICLE >

CLUB CONNECTOR | DECEMBER 17, 2023

Safety: Topic of the Month: Making the Numbers

This month's safety section looks at the 4-H Club of Aviation. This doesn't involve livestock but rather hot, high, humid, and heavy conditions that conspire to radically change the performance of our aircraft. We'll also look at ways to predict performance (degradations) by using manufacturer's data, useful rules-of-thumb, and the practical calibration of your aircraft.

GO TO ARTICLE >

CLUB CONNECTOR | NOVEMBER 19, 2023

Safety: Eroding Standards and Shifting Norms

In this month's safety section, we'll take a look at Normalization of Deviance, which happens when established standards and limits gradually decay over time, becoming new norms—with predictable results. Could this be a reason why accidents during non-commercial GA operations (some 80%) have stayed pretty constant over a decade, with around 70% of those accidents being caused by some form of pilot (human) error? Well, let's dig and see...

GO TO ARTICLE >



What, Why, When

What

- Explore the need for proficiency based on data
- Top 5 reasons to be a WINGS Pilot
- How to use the FAASTeam WINGS program as a progressive fight review
- Using E-Z-WINGS

Why

- Why is the non-commercial GA "accident" rate so much higher than for commercial GA?
- Why aren't more (non-commercial operations) GA pilots using WINGS?

When

- At least three times a year—use the FAASTeam WINGS flight activities resources for ever-improving proficiency
- Every quarter—WINGS Topic of the Quarter





FAASTeam Mission Statement

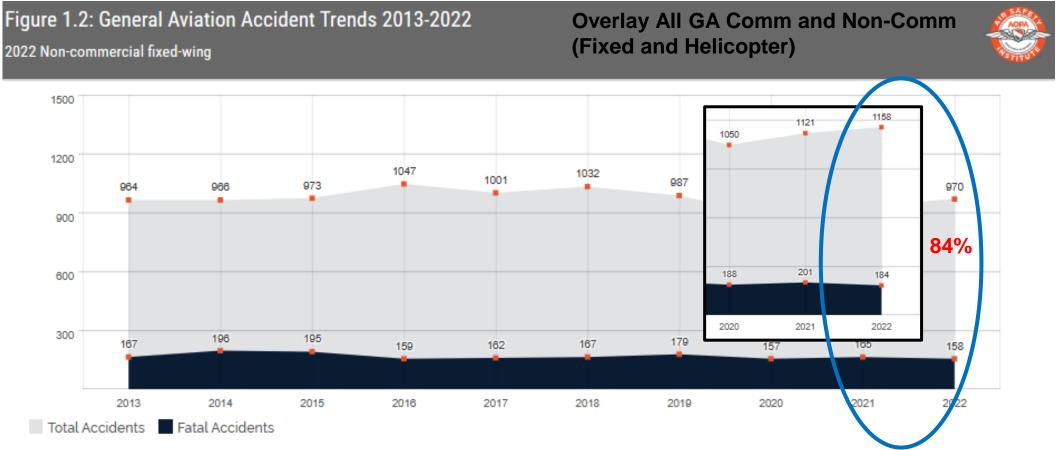
Lower the Nation's aviation accident rate by conveying safety principles and practices through training, outreach, and education, while establishing partnerships and encouraging the continual growth of a positive safety culture within the aviation community

Fly more, fly better, fly safer

This is the closest that non-commercial general aviation pilots have to an organized and recognized safety program



Why We Need WINGS:



Non-commercial GA contributes 84% of all GA accidents, and 86% of all fatalities



Who and When...

Figure 1.4: General Aviation Accidents in 2021

2021 Non-commercial fixed-wing



Figure 1.7: Flight Conditions

2021 Non-commercial fixed-wing



	Accidents Fatal Accidents	
Pilot-Related	647 69%	103 62%
Mechanical	151 16.1%	12 7.2%
Other / Unknown	128 13.6%	46 27.7%
null	12 1.3%	5 3%

	Accidents	Fatal Accidents	Fatalities
Day VMC	834 88.9%	114 3.6%	165 4.5%
Night VMC	53 5.7%	17 3.6%	26 4.5%
Day IMC	23 2.5%	18 3.6%	41 4.5%
Night IMC	13 1.4%	11 3.6%	22 4.5%
Unknown	15 1.6%	6 3.6%	12 4.5%

^{*}Night fields include dusk.



General Aviation Vs. The Pros

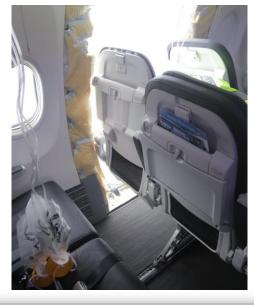
- It doesn't make sense...
 - Airline pilots flying regularly
 - NC GA pilots flying infrequently
- serious scenario training every 6-months
- flight review every 24-months



Topical Examples...















Current vs. Proficient (Legal Vs. Safe)

- Currency: What the FAA regulations are concerned with:
 - Flight review

- -61.56
- Recent Flight Experience 61.57
 - 90-day passenger *currency*
 - 90-day night *currency*
 - 90-day tailwheel currency
 - IPC
- Nothing about how well you did it...
- Proficiency is what we are really after...
 - Levels of improving performance
- Currency is NOT a surrogate for Proficiency
 - Just like airspeed is NOT a surrogate for angle of attack
 - 1,500 hours logged is a poor surrogate for experience and skill
 - You'll likely be current if you fly enough to be proficient



Quite Simple, Really

Gift #1 from the FAA: The Flight Review

Gift #2 from the FAA: The WINGS Program



What we need is a GA pilot proficiency program!!!

- Let's all rush off and invent one...
- Oh...wait...the FAA has already provided the solution = FAASTeam WINGS!
 - A general aviation pilot proficiency program
 - Proficiency though evaluated achievement
 - Knowledge
 - Risk management
 - Airmanship/skill

The trifecta of the ACS







Top Five Countdown on why WINGS is for you...

5...4...3...2...1 = Take-off!



#5. WINGS training yields awards

- WINGS for health
 - Many accidents are not accidental, at all
 - Safety Topic of the Month: Human Performance and Safety Culture
 - Proficiency training increases your odds
- WINGS for recognition
 - Part of the GA safety community
 - Be proud to be better and safe
 - WINGS online logbook permanent record
 - WINGS pin...go on, show them off!
- WINGS for rewards
 - Earn a flight review and CFI renewal
 - WINGS insurance discounts. It works!
 - Share in a \$10,000 sweepstake...



https://www.wingsindustry.com/WINGS-Sweepstakes



WINGS Sweepstakes

Proficiency Training That Saves Lives

The Paul and Fran Burger WINGS Sweepstakes mission is to reduce the nation's accident and incident rate by increasing participation in the FAASTeam WINGS Pilot Proficiency Program. The WINGS program offers courses based on real-world accident and incident causes so flight instructors, pilots, and student pilots get training that can truly make a difference. Studies indicate that pilots who complete WINGS phases are safer aviators. New in 2023, sweepstakes winners will be drawn twice! The drawings will be on July 15th and January 15, 2024

Ten cash and prizes will be awarded for each drawing!

Complete a phase of WINGS and win!



#4. Proficiency training works!

- Sports
- Medicine

Aviation





Umm...

You: When did you last perform this operation?



 Doctor: Oh, I haven't done this one before, but I did one like it 23 calendar months ago...it'll be okay...trust me...I'm a doctor



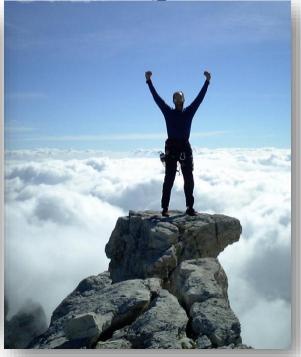
Umm...

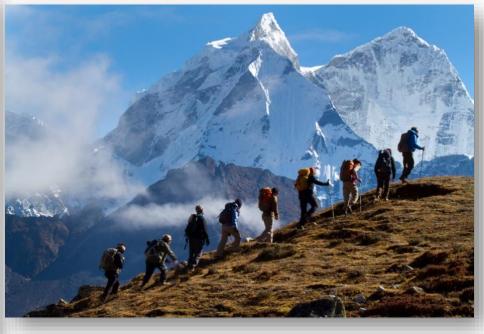
You: When did you last fly this type of aeroplane?



 Pilot: Oh, I haven't flown one like this, but I did one like it...about 23-calendar months ago...it's okay, I'll remember...trust me...I'm a pilot The Path to Proficiency







The path to proficiency doesn't end with a check-ride. It continues throughout your flying career

There is always more to do.

We should strive to be better.

Just ask your loved ones.

We hire coaches for our health, careers, workouts, our financial management...

- Have a plan
 - What do you expect
 - What you're going to do
 - Acceptable performance standards to know you are there
- Document your results
 - Monitor progress
 - Set progressive goals and standards
 - Review
- Want more bang for your time/buck?
 - Hire a coach, personal trainer, financial advisor...

SO...LET'S DO IT FOR OUR FLYING!

- Want more results and good value for money?
 - Work with a flight instructor who follows the WINGS program!



#3. WINGS coaching gets results!

- A CFI skilled in that airplane
- Familiar with the coaching environment
 - Keen observer
 - Teacher
 - Motivator

Develop your flying

- Go beyond the boring flight review...yawn...
- Not the same hour, hour after hour...yawn...
- Do something different or...
- Do familiar things, differently
- Follow a program
- WINGS includes flight activities as well as courses, seminars...

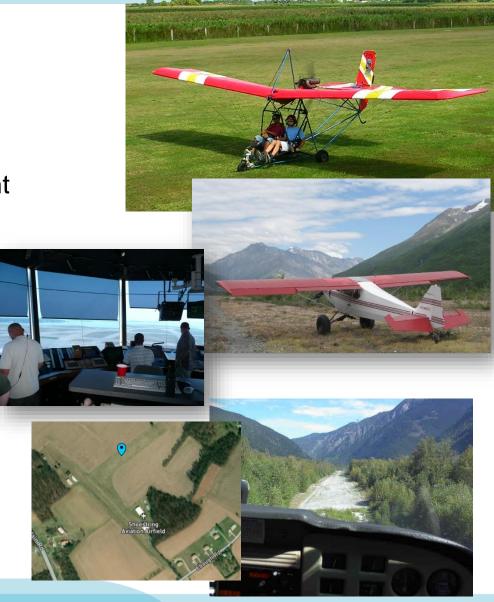






What's my baseline?

- Different Aircraft
 - Transition training/checkout
 - With an instructor...!
 - Cirrus to C172, C172 to RV12, anything to an Ultralight
 - Question of the Month Feb 2021: How Do We
 Integrate a New Aircraft into Our Fleet?
 - Like tickling a crocodile..."carefully".
 - **Read** the PoH
 - Know the numbers, W&B, V-speeds...
- Different Airports
 - Seek local knowledge and listen to it!
 - Broaden, explore...



#2. WINGS Expands your Aviation Horizons



Use WINGS flights for:

- Appropriate response to startles
- Expanded envelope exercises
- Doing familiar maneuvers, differently
- Transition training
- Perhaps even spin and aerobatic training
- Flying club check outs
- Training for new certificate/rating







Keep an "info" sheet" for each airplane V-Speeds and Other Details Cessna A152 Cessna A152 Fuel: 26-Galls total; 24 usable N761GG Oil: 6-Qrts Max, 4-Qrts Min Aerobat A152 Max Weight: 1670 lbs

V-Speed	IAS (Kts)
V _A @ 1670lbs	108
V _A @ 1500lbs	102
V _A @ 1350lbs	97
V _{FE}	85
V _{NE}	172
V _{NO}	125
V _R	50
V _s	40
V _{so}	35
V _x Flaps Up	55
V _x Flaps +10	54
V _γ Flaps Up	67

Emergency Speeds	IAS (Kts)
Pwr-Off Ldg - no flaps	65
Pwr-Off Ldg - 30 flaps	60
Max. Glide	60
Glide Ratio:	9.7
AGL (feet)	Miles
2000	3.7
4000	7.3
5000	9.2
6000	11.0
8000	14.7
10000	18.4

Normal Operations:	
What:	IAS (Kts)
Max Crosswind Comp	12
Normal climb out	65-75
Short Field TO	
Flaps 10 Retract > 100'	54
Climb - Flaps up:	
Best V _x @MSL	55
Best V _x @10,000'	55
Best V _Y @MSL	67
Best V _Y @10,000'	61
Approach to landing:	
Normal - Flaps 0	65-70
Normal - Flaps 10	65-70
Normal - Flaps 20	65-70
Normal - Flaps 30	55-65
Short Field - Flaps 30	54

ASI Details:		
ARC		Kts
White Arc:		35 - 85
	V _{so}	35
	V _{FE}	85
Green Arc:		40 - 125
	Vsi	40
	V _{NO}	125
Yellow Arc:		125-172
	V _{NO}	125
	V _{NE}	172

Pattern Speeds:

Landing Chack 1

Stall Speed (Kts)	Flaps = V ₈₀ 35	Clean = V ₈₁ 40	Actual Approach
Downwind	80	80	80
Mid-Field Downwind (*1.5)	53	60	70
Turning Base (*1.4)	49	56	65
Final (*1.3) = (V_{REF})	46	52	55-60
Over Numbers (*1.2)	42	48	55-60

Landing Check -1:
* Fuel Gauges - CHECK
* Fuel - ON
* Thottle - AS NEEDED
* Light - LANDING ON
* Magnetos - BOTH
* Masters - ON
* Mixture - RICH
* Carb Heat - HOT
* Engine Gauges - GREEN
* Flaps - AS REQUIRED
* CLEARANCE/CTAF

Landing Check - 2:
BF-GUMPS
B: Boost Pump ON
F: Flaps & Feet
G: Gas - ON
U: Undercarriage down
M: Mags, Masters, Mixture
P: Prop full high
S: Secure - belts, doors, etc.

Pattern:		
Take-Off:		
* Rotate @ 50		
* Climb out @ 67		
* Level @ 80Kts - 2100 RPM		
* Downwind TPA @ 80		
* Downwind Checklist		

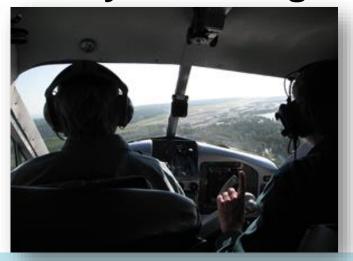
Abeam Numbers:
* Power 1500 RPM - 70Kts
* White Arc? Flaps 10
* Base @ 65-70
* Flaps 20
* Final @ 60-65
* Flaps 30 (if needed)
* BF-GUMPS
* X-Wind Control + Slip
* Touch down @ ~42

G	o Around:
۰	Full Power - Heat COLD
٠	Pitch down for 55 Kts
٠	Flaps back ONE notch
٠	Pitch for 67 Kts
٠	Flaps retract in increments

#1. WINGS pilots are:

- Competent
- Confident
- Safe

Always climbing the incline of experience









Okay, I'm sold. How do I get started with WINGS?



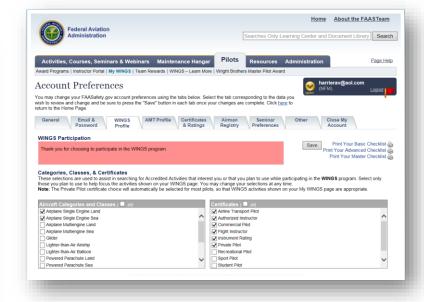


WINGS - easy as 1, 2, 3

- 1. Create an account on http://faasafety.gov
- 2. Complete your WINGS Pilot Profile
- 3. Attend WINGS seminars/courses and take WINGS flight

activities









WINGS Levels and Phases

Levels:

- Basic
- Advanced
- Master

Phase:

- Three knowledge and three flight activities at given level in 12-months = a phase
- Flight activities based on accident casual factors
- Can earn as many phases as you like, when you like
- Can tackle any level but must do at least one basic phase, every year

Earning a phase = flight review

- When properly documented, endorsed and validated
- But...you've flown three times with a CFI, not just once every 24-months!

Document Your Training

- WINGS Pilot Proficiency Program
 - Online record retention
 - Tailored to common GA accident precursors
 - Seminars and Webinars near you set-up alerts
 - Like this ToM
 - ASI and FAA courses
 - "Third-party" courses (watch out for hidden costs)
 - Also need to fly!



A phase of WINGS:

- Three knowledge activities
- Three flight activities

http://faasafety.gov



Use flight activities to calibrate your aircraft

Pitch, Power, Performance Tables

Aircraft type:	Tail #: N
Pilot:	Date:

Level Flight No Flaps			
RPM	Pitch Angle	IAS	
2500			
2400			
2300			
2200			
2100			
2000			
1900			
1800			
1700			
1600			
1500			
·			
•			

500	OFPM Desc No Flaps	ent
RPM	Pitch Angle	IAS
		80
		70
		65
		60
•		

500	500FPM Descent				
	First Flap				
RPM	Pitch	IAS			
		80			
		70			
		65			
		60			

Slow Flight. Level Full Flaps				
RPM Pitch Angle IAS				
		70		
		65		
		60		
		55		
		50		
		45		

500FPM Descent Full Flaps		
RPM	IAS	
		80
		70
		65
·		60
		55

Altiude Loss Per Turn Standard Rate Best Glide =			
Turn#	Altitude	Alt Lost	
0			
1			
2			
3			
4			

	Pa	ttern Numb	ers	
(3° approach, zero wind)				
	DW	Abeam	Base	Final
RPM				
IAS				
FPM				
Flaps				
Pitch				

Altiude Lost in "Impossible"			
	Turn		
Е	Best Glide :	=	
Turn to:	Altitude	Alt Lost	
90°			
180°			
270 ⁰			
180 ⁰			

Power Idle
Best Glide = Kts

Descent FPM

Use flight activities to calibrate yourself

	My Short Field Performan	ce
Aircraft	Gross Weight	Test Weight
Airfield	Elevation	Density Alt.
Wind Direction	Wind Speed	X-Wind Comp
IAS	Landing Dist.	Flap Setting
Takeoff Flap	Rotation Speed	
Rotation Speed x.70	Vx	Vy
Distance to Rotation	Distance to 50'	•

faasafety.gov

- Not the easiest to navigate...but don't whine...we're pilots, we can learn a website
- Lots of gems, sometimes hidden
- Use My WINGS to get ideas for knowledge and flight activities
- Flight activities must be flown with a CFI, logged and validated



About the FAA STeam

Search FAASafety Website

Activities, Courses, Seminars & Webinars Maintenance Hangar

Hot Topics

AC 61-91.

Award Programs

Instructor Portal

Pilots Resources Administration

FAA Safety Team

Earn WINGS or AMT Credit by completing one

A Case For Non Technical Training (AMT Core

Part 107 Small Unmanned Aircraft Systems

Part 107 Small Unmanned Aircraft Systems

Safer Skies Through F

SAFE

General Aviation Safety Enhancement Topics

FAA Safety Enhancement Topic Blog

My WINGS

Team Rewards

WINGS - Learn More

Wright Brothers Master Pilot Award

Moody Aviation Safety Presentations - Day 1 Session 4

03/04/2021

Aerial Applicators Working In Areas With UAS

Find Seminars ®



My FAASafety.gov Account

- My Preferences and Profile
 Change My Email Address
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- FAA Safety.gov Help
- FAQs

Common Tasks

- Print Course Certificates
- View My Activity History

AMT Awards Program

View Catalog ®

The AMT Awards program encourages AMTs and employers to take

advantage of initial and recurrent training by issuing awards based on training received.

Tutorial for Individuals

FAASTeam Directory

city or state, position or keyword.

Featured Courses

of our featured online courses!

Course for 2021) The Buck Stops with Me

(small UAS) Recurrent

(small UAS) Initial

DC SFRA

Tutorial for Employers

14.454 AMT Awards Earned in 2020

Search by phone number, first or last name,

WINGS

Flight Review Expiration Date: May 31, 2021 III

Highest Phase Achieved

Basic WINGS:

Previous

Advanced WINGS:

None

Master WINGS:

Quick WINGS

FAASTeam Industry Members

FAASTeam Industry Members are industries, organizations, businesses and associations that support the FAASTeam at a national level and who have a vested interest in aviation

- safety. Click below for more information. Association for Women in Aviation Maintenance (AWAM)
- ASTM / Space TEC Partners, Inc.

Instructor Portal

By virtue of holding instructor privileges, instructors can validate or give immediate WINGS credit through this portal.

Click Here to give immediate WINGS flight credit.

WINGS Flight Instructor Guide

Enter Instructor Portal ®

WINGS Achievements



that 43.620 pilots have earned at least one phase in the WINGS -Pilot Proficiency

Program, and these pilots have earned a total of 180,595 phases.

See the list and find your name

FAA YouTube



FAASTeam Representatives

View Representative Information

Representative's Library

Representative Training: IT Security

your state.

Click here to find FAASTeam leaders in

- Flight Standards District Offices (FSDO)
- Runway Safety
- FAA For.

Search

- Mechanics
- Other Aviation Professionals
- Educators & Students

Forms

FAA Forms

Handbooks & Manuals

- Aircraft
- Aviation
- Examiner & Inspector

Aircraft Certificates

- Type Certificate Data Sheets (TCDS)
- Supplemental Type Certificates

Accidents & Incidents

- Accident & Incident Data
- Preliminary Accident & Incident

Aeronautical Navigation Products

- Airport Diagrams
- (d-CS) formerly the Airport/Facility Directory
- Terminal Procedures (d-TPP)

Regulations & Guidelines

- Advisory Circulars
- Airworthiness Directives
- Federal Aviation Regulations (FAR)
- Orders & Notices
- Temporary Flight Restrictions

Other Popular FAA Sites Airmen Inquiry

- Airmen Online Services
- FAA Registry Aircraft Inquiry

Request flight credits

faasafety.gov -> Pilots -> My Wings



Activities, Courses, Seminars & Webinars Maintenance Hangar

Resources

Award Programs | Instructor Portal | My WINGS | Team Rewards | WINGS - Learn More | Wright Brothers Master Pilot Award

My WINGS

WINGS User's Guide

WINGS Advisory Circular

Pilots

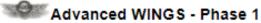
Welcome to your personalized My WINGS Page!



Helpful Tips:

- In the checklist below, we have preselected some activities for you. If you would like to change an activity to something else, select the Find Alternate Activities link under the Search column for the row you would like to change.
- If you don't see a recently earned credit below, click on the WINGS Logbook tab, and on the next page, click on the blue link for your Unapplied Credits. All your "unused" or "unexpired" credits will be found in the list.
- To print your WINGS completion certificate, go to your WINGS Logbook and click on the Phase number. Then click on the "Print Certificate for Phase x" link.

You must complete a Phase of WINGS at the Basic Level before you can receive a Phase at a higher Level.



Print Your Checklist

Started on 03/25/2023 (Must be completed before 03/31/2024)

TOPIC	TYPE	TITLE	STATUS	SEARC
Knowledge Topic 1 1 Credit	Seminar C GL19124211	Transitioning to an Experimental Homebuilt or Light Sport Airc	✓ Completed	d 9/8/2023
Knowledge Topic 2 1 Credit	Seminar 🖵 EA07120624	Maximum Fun Minimum Cost - The Wonderful World of Flying Clubs	✓ Completed	3/25/2023
Knowledge Topic 2 2 Credits	Seminar 🤛 NM09122103	AOPA Flying Clubs Workshop And Clinic	✓ Complete	d 6/3/2023

TOPIC	TYPE	TITLE	STATUS	SEARCH
Flight Topic 1 1 Credit	Flight A070405-87	ASEL-Takeoffs, Landings, Go-arounds (Sport & Rec Pilot)	When Complete Request Credit	Find Alternate Activities
Flight Topic 2 1 Credit	Flight A070405-86	ASEL-Slow Flight, Stall, Basic Instruments (Rec Pilot, Sport P	When Complete Request Credit	Find Alternate Activities
Flight Topic 2 1 Credit	Flight A070405-90	ASEL-Turns, Diversion, Slow Flight, Stalls (ATP, Comm'l, Pvt)	When Complete Request Credit	Find Alternate Activities



My WINGS

- Suggests knowledge and flight activities for you
- Change as you wish

You must complete a Phase of WINGS at the Basic Level before you can receive a Phase at a higher Level.

 Advanced WINGS - Phase 1

Started on 03/25/2023 (Must be completed before 03/31/2024)

TOPIC	TYPE	TITLE	STATUS	SEARCH
Knowledge Topic 1 1 Credit	Seminar 💭 GL19124211	Transitioning to an Experimental Homebuilt or Light Sport Airc	✓ Completed	d 9/8/ 202 3
Knowledge Topic 2 1 Credit	Seminar 💭 EA07120624	Maximum Fun Minimum Cost - The Wonderful World of Flying Clubs	✓ Completed	3/25/2023
Knowledge Topic 2 2 Credits	Seminar 💭 NM09122103	AOPA Flying Clubs Workshop And Clinic	✓ Complete	d 6/3/2023

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Flight Topic 1 1 Credit	Flight A070405-87	ASEL-Takeoffs, Landings, Go-arounds (Sport & Rec Pilot)	When Complete Request Credit	Find Alternat Activitie
Flight Topic 2 1 Credit	Flight A070405-86	ASEL-Slow Flight, Stall, Basic Instruments (Rec Pilot, Sport P	When Complete Request Credit	Find Alternat Activitie
1 Credit	Flight A070405-90	A SEL-Turns, Diversion, Slow Flight, Stalls (ATP, Comm'l, Pvt)	When Complete Request Credit	Find Alternat Activitie



Flight Activities

Something for everyone!



About the FAASTeam

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Maintenance Hangar Pilots Resources Administration

Page Help

Activities | Courses | Seminars & Webinars | Topic Suggestions

Activities

sbateman7799@gmail.com (Lead Representative) Logout

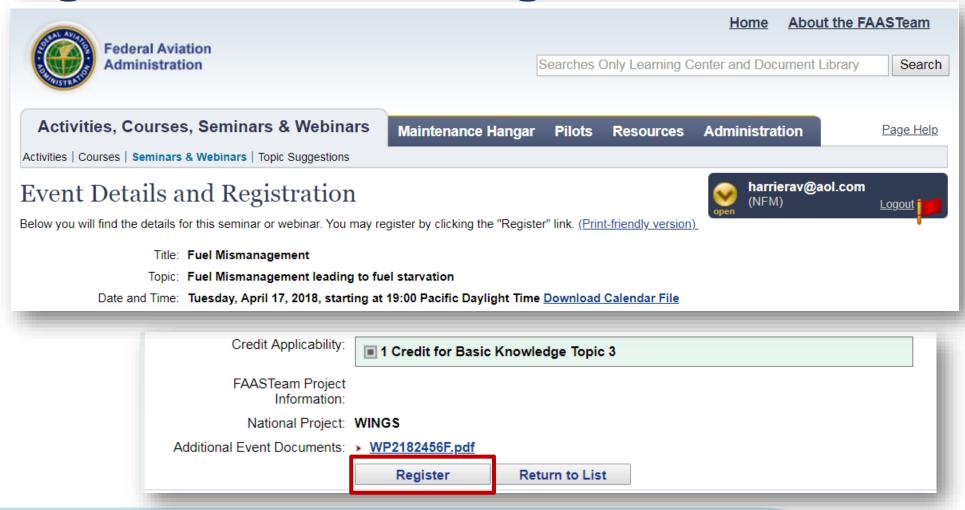
Search Activities | Activity History

Search Activities close

There are hundreds of activities featured on the FAASafety.gov website to augment your training experience. The search tool below furnishes users with a convenient way to find activities and includes the specific WINGs or AMT credits that apply. To search for activities, specify your search parameters below and press "Search".

Keywords:				
Activity Type:	☐ Seminars ☐ Other Activities ☐ Course ✓ Flight Activities	25		
Program:	WINGS AMT WINGS and AMT Rep Training			
WINGS Level:	● Basic ○ Advanced ○ Master □ Knowledge 1	Perform Search		
RESULTS 1 - 50 OF 319.	50 ✔ PER PAG	E		Export 📴
Activity Type	Date Activity Name	Cost	Credit (i)	
Flight Activity A100125-08	ASEL - Air Work - Performance Fligh Reference Maneuvers (Pvt, Com	t and Ground Free	1 Credit for Basic Flight Topic 3	₩
Flight Activity A100125-14	ASEL-Air Work (Rec Pilot)	Free	1 Credit for Basic Flight Topic 3	AS .
Flight Activity A100125-17	ASEL-Air Work (Sport Pilot)	Free	1 Credit for Basic Flight Topic 3	8
Flight Activity A100125-07	ASEL-Airport Operations (Pvt, Comm	n'l, ATP) Free	1 Credit for Basic Flight Topic 3	A
Flight Activity A100125-13	ASEL-Airport Operations (Rec Pilot)	Free	1 Credit for Basic Flight Topic 3	89
Flight Activity	ASEL-Airport Operations (Sport Pilot) Free		A

Register for knowledge credits

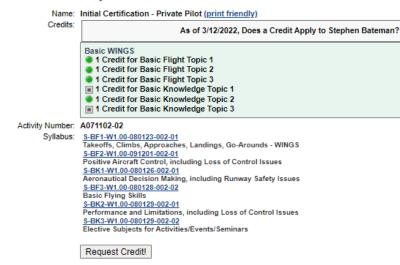




Other ways to earn WINGS credit

- Earn a new certificate or rating
 - For example, PPL package is activity A071102-02
 - COM, CFI, tailwheel endorsement, seaplane, etc.
- Do an actual flight review then document in WINGS
- Or...do a flight review activity
 - One activity, three knowledge and three flight credits = phase of WINGS
- Same with IPC
- CFI renewal counts for credit
- Can earn the CFI renewal by participating in WINGS as a CFI
 - Conduct 15 flight activities, with 5 different pilots
 - More business for you and safer pilots for everyone
 - eFIRC counts towards annual TSA Security renewal

Accredited Activity Information



Satisfactory completion of a Practical Test for the initial issuance of a Private Pilot Certificate within the last 2 years meets the requirements for the Basic Level of the WINGS - Pilot Proficiency Program.



WINGS Topic of the Quarter (ToQ)

- Easiest way to work with WINGS
- Can design your own phase, or...
- ToQ: Three knowledge activities and three flight activities selected for you
- Do one per quarter gets you a phase of WINGS with all the rewards
- NEW! Two ToQ plans to choose from: Alpha and Bravo



WINGS Topic of the Quarter – Alpha Knowledge

WINGS Topics of the Quarter





Spring Knowledge Topic

Follow the QR code or link below to take a course on **Aeronautical Decision Making**. (ALC-62)



https://bit.ly/2G0TY0r

Date Completed

WINGS flying is more than half the fun. Turn the page and complete your Spring WINGS Flight Activity with your CFI.

Basic Knowledge Topic 1

Summer Knowledge Topic

Plan Alpha

Follow the QR code or link below to take a course on **Positive Aircraft Control** (ALC-36)



https://bit.ly/2L1HnbX

Date Completed

It's time to apply your WINGS knowledge in flight! Plan to complete the Summer WINGS Flight Activity that will keep you flying at the top of your game!

Basic Knowledge Topic 2

Fall Knowledge Topic

Follow the QR code or link below to take a course on Inflight Icing (ALC-33)



https://bit.ly/2EtqExj

Date Completed

Enough of the bookwork. Now it's time to fly! Complete the rewarding Fall WINGS Flight Activity on the back of this page.

Basic Knowledge Topic 3

Winter Knowledge Topic

Follow the QR code or link below to take a course on **Avoiding Loss** of **Control** (ALC-214)



https://bit.ly/1q0cP8T

Date Completed

It's time to spread your WINGS and broaden your horizons. Schedule your Winter WINGS Flight Activity with your CFI.

Elective Topic

nce you have registered on

atically be credited to your

NGS account.

Search the FAAN

directors from the FAAN

WINGSPro near

- Easy to do the three knowledge activities
- Online proficiency courses
 - Self-paced
 - Do it at home
 - Build solid decisionmaking skills on the ground



WINGS Tips



- Complete at least the spring, summer, and fall items on each side of this sheet every twelve months to stay current in WINGS.
- Once you have registered on FAASafety.gov, successful completion of these courses will automatically be credited to your My WINGS account.

Need Help?
Ask a Pro!
Search the FAACOMINGSPro near you!



PLEASE NOTE: THIS FORM IS FOR YOUR RECORDS ONLY!

Continued on Next Page



WINGS Topic of the Quarter – Alpha Flights

WINGS Topics of the Quarter





Plan Alpha

Spring Flight Activity

Flight Activity: A070405-07 Takeoffs, Landings, Go-Arounds



https://bit.ly/2L1WceL

Objective: To develop, review, or improve the airman's knowledge, airmanship and understanding the importance of maintaining positive aircraft control during takeoff, landing, and go-arounds.

has satisfactorily demonstrated proficiency

in the required tasks as outlined in the

WINGS - Pilot Proficiency Program, for

I certify that

CFI Printed Name:

CFI # / Expiration

CFI SIGNATURE

holder of pilot certificate #

activity #A070405-07 on

Summer Flight Activity

Flight Activity: A070405-08 Slow Flight, Stalls. **Basic Instruments**



https://bit.ly/2AZZNFM

Objective: To develop, review, or improve the airman's knowledge, airmanship and understanding the importance of performing intentional stalls to familiarize the airman with the conditions that produce stalls

Flight Activity: A100125-07 **Airport Operations**

Fall

Flight Activity



https://bit.ly/2G5Ybjl

Objective: To develop, review, or improve the airman's knowledge, airmanship and understanding the importance of knowing and abiding by the rules and general operating procedures applicable to airports.



Flight Activity: A100125-08

Air Work - Proficiency Maneuvers & Ground Reference Maneuvers



https://bit.ly/2Ei2rL0

Objective: To develop, review, or improve the airman's knowledge, airmanship and understanding the importance of mastering the ability to control the airplane, and recognize and correct for the effect(s) of wind.

I certify that

holder of pilot certificate # has satisfactorily demonstrated proficiency in the required tasks as outlined in the WINGS - Pilot Proficiency Program, for activity #A100125-08 on

CFI # / Expiration

CFI SIGNATURE:

I certify that

holder of pilot certificate # has satisfactorily demonstrated proficiency in the required tasks as outlined in the WINGS - Pilot Proficiency Program, for activity #A070405-08 on . activity #A100125-07 on

CEI Printed Name

I certify that

CFI # / Expiration:

CFI SIGNATURE

holder of pilot certificate # has satisfactorily demonstrated proficiency in the required tasks as outlined in the WINGS - Pilot Proficiency Program, for

CEI Printed Name

CFI # / Expiration

CFI SIGNATURE

CFI Printed Name

Easy to do these rewarding light activities

- With your CFI
- At least 3 times a year!
- Go on...do the bonus 4th!





WINGS Topic of the Quarter – Bravo Knowledge

WINGS Topics of the Quarter

Knowledge Topics:



FAA **Aviation Safety**

Spring

Knowledge Topic

Follow the QR code or link below to take a course on Avoiding Pilot **Deviations** (ALC-636)



https://bit.lv/309rqsG

Date Completed

WINGS flying is more than half the fun. Turn the page and complete your Spring WINGS Flight Activity with your CFI.

Basic Knowledge Topic 1

Summer

Plan Bravo

Knowledge Topic

Follow the QR code or link below to take a course on Positive Take-Off, Landing, and Aircraft Control (ALC-485)



https://bit.lv/307Leg4

Date Completed

It's time to apply your WINGS knowledge in flight! Plan to complete the Summer WINGS Flight Activity that will keep you flying at the top of your game!

Basic Knowledge Topic 2

Fall

Knowledge Topic

Follow the QR code or link below to take a course on Airframe Icing (ALC-190)



https://bit.ly/3uMBztB

Date Completed

Enough of the bookwork. Now it's time to fly! Complete the rewarding Fall WINGS Flight Activity on the back of this page.

Basic Knowledge Topic 3

Winter **Knowledge Topic**

Follow the QR code or link below to take a course on Beechcraft **Cold Weather Operations** (ALC-541)



https://bit.ly/381IEwo

Date Completed

It's time to spread your WINGS and broaden your horizons. Schedule vour Winter WINGS Flight Activity with your CFI.

Elective Topic

Need Help? Aska Pro!



- Easy to do the three knowledge activities
- Online proficiency courses
 - Self-paced
 - Do it at home
 - Build solid decisionmaking skills on the ground and in the air



WINGS Tips



www.FAASafetv.aov

Complete at least the spring, summer, and fall items on each side of this sheet every twelve months to stay current in WINGS. FAASafety.gov, successful My WINGS account.

Once you have registered on completion of these courses will automatically be credited to your

PLEASE NOTE: THIS FORM IS FOR YOUR RECORDS ONLY!

Continued on Next Page



WINGS Topic of the Quarter – Bravo Flights

WINGS Topics of the Quarter

Flight Activities For ASEL:



Spring

Flight Activity

Flight Activity: A210119-01 Tarmac Tales (RIRTP)



https://bit.ly/3l164HN

OBJECTIVE - Importance of learning to recognize the importance and meaning of airport signage, runway markings, correct ATC communications, and operational pretaxi, and taxi procedures that will mitigate a pilot from causing a runway incursion.

I certify that

holder of pilot certificate # has satisfactorily demonstrated proficiency in the required tasks as outlined in the WINGS - Pilot Proficiency Program, for activity #A210119-01 on

CFI Printed Name:

CFI # / Expiration

CFI SIGNATURE

Summer

Flight Activity

Flight Activity: A070405-08 Slow Flight, Stalls, Basic Instruments



https://bit.ly/3uNNdEv

OBJECTIVE - Importance of performing intentional stalls to familiarize the airman with the conditions that produce stalls: to assist in recognizing an approaching stall by sight, sound, and feel, and to develop the habit of taking prompt preventive or corrective action.

has satisfactorily demonstrated proficiency

in the required tasks as outlined in the

WINGS - Pilot Proficiency Program, for

I certify that

CFI Printed Name:

CFI # / Expiration:

CFI SIGNATURE

holder of pilot certificate #

activity #A070405-08 on

Plan Bravo



https://bit.ly/3qAlmEy

Objective: Importance of mastering softfield takeoff, climb operations, rejected takeoff procedures, attitude instrument flying while recovering from unusual attitudes solely by reference to instruments, and emergency descent, approach and landing.

has satisfactorily demonstrated proficiency

in the required tasks as outlined in the

WINGS - Pilot Proficiency Program, for

I certify that

CFI Printed Name:

CFI # / Expiration:

CFI SIGNATURE

holder of pilot certificate #

activity #A100125-10 on

Flight Activity

Flight Activity: A100125-10 **Emergency Operations**

Fall



https://bit.ly/3b9uoDW

Winter

Flight Activity

Flight Activity: A100125-08

Air Work - Performance Flight and

Ground Reference Maneuvers

Objective: Importance of mastering the ability to control the airplane, and recognize and correct for the effects of wind while dividing attention among other matters.

holder of pilot certificate # has satisfactorily demonstrated proficiency in the required tasks as outlined in the WINGS - Pilot Proficiency Program, for activity #A100125-08 on

CFI Printed Name:

CFI # / Expiration:

I certify that

CFI SIGNATURE:

Easy to do these rewarding light activities

- With your CFI
- At least 3 times a year!
- Go on...do the bonus 4th!





Spring Training (Knowledge) – Alpha or Bravo

Spring Knowledge Topic

Follow the QR code or link below to take a course on **Aeronautical Decision Making**. (ALC-62)



https://bit.ly/2G0TY0r

Date Completed

wings flying is more than half the fun. Turn the page and complete your Spring wings Flight Activity with your CFI.

Basic Knowledge Topic 1

Spring Knowledge Topic

Follow the QR code or link below to take a course on **Avoiding Pilot Deviations** (ALC-636)



https://bit.ly/309rqsG

Date Completed

WINGS flying is more than half the fun. Turn the page and complete your Spring WINGS Flight Activity with your CFI.

Basic Knowledge Topic 1

- Refresh your knowledge with these online course:
 - ALC 62 Aeronautical Decision Making for VFR Pilots
 - ALC 636 Avoiding Pilot Deviations
- Build solid decision-making skills
 - For on the ground and in the air



Spring Training

- Practice your flying skill by completing these flight activities with your CFI:
 - ASEL Takeoffs, Landings,
 Go-Arounds
- Hone your takeoff & landing skills
- Practice for emergencies



- Normal Takeoff & Climb
- Normal Approach & Landing
- Soft-Field Takeoff & Climb
- Soft-Field Approach & Landing
- Short-Field Takeoff & Maximum Performance Climb
- Short Field Approach & Landing
- Forward Slip to a Landing
- Go-Around / Rejected Landing
- Emergency Descent, Approach & Landing
- Systems and Equipment Malfunctions

WINGS Flight Activity # A070405-07 Worksheet			DATE:		
	Takeoffs, Landings, and	LOCATION:			
AIRMAN:	AIRMAN CERTIFICATE #:	AIRMAN EMAIL:	TYPE AIRCRAFT/SIMULATOR USED	BLOCK TIME	
CFI:	CFI CERTIFICATE #:	CFI EMAIL:	WINGS Flight Activity Completed: VES DNO		

NOTE: The Flight Instructor will ensure the airman possesses the knowledge, ability to manage risks, and skills consistent in the performance of flight maneuvers specifically listed in the Areas of Operation for Takeoffs, Landings and Go-Arounds; Emergency Operations, and Night Operations (as applicable) to the ACS completion standards. While this WINGS Flight Activity targets specifically the Takeoff, Landing, and Go-Around Area of Operation, Airmen should satisfactorily demonstrate all pertinent parts of the ACS in their Preflight, Flight, and Post Flight activities consistent with their certificate or rating. For WINGS credit, the airman will satisfactorily demonstrate the maneuvers and procedures listed in bold text below, using both outside visual references and cross checked with the flight instruments, for the privileges of the certificate or rating being exercised in order to act as Pilot-in-Command (PIC).

Principal ACS Areas of Operations for this WINGS Flight Activity (Bold Items Required):

GRADE		4DE4 OF ODED 471011		GRADE				
FM	SRM	AREA OF OPERATION		SRM				
		V. PERFORMANCE AND GROUND REFERENCE MANEUVERS						
		VI. NAVIGATION						
			FM SRM AREA OF OPERATION V. PERFORMANCE AND GROUND REFERENCE MANEUVERS	FM SRM V. PERFORMANCE AND GROUND REFERENCE MANEUVERS				

So, why WINGS?

- 5. WINGS training yields rewards!
- 4. WINGS proficiency training works!
- 3. WINGS coaching gets results!
- 2. WINGS broadens your horizons!
- 1. WINGS pilots are:
 - Competent!
 - Confident!
 - Safe!



Need help with WINGS?

Talk with your local *WINGSPro*



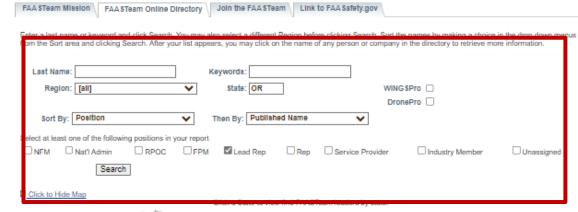
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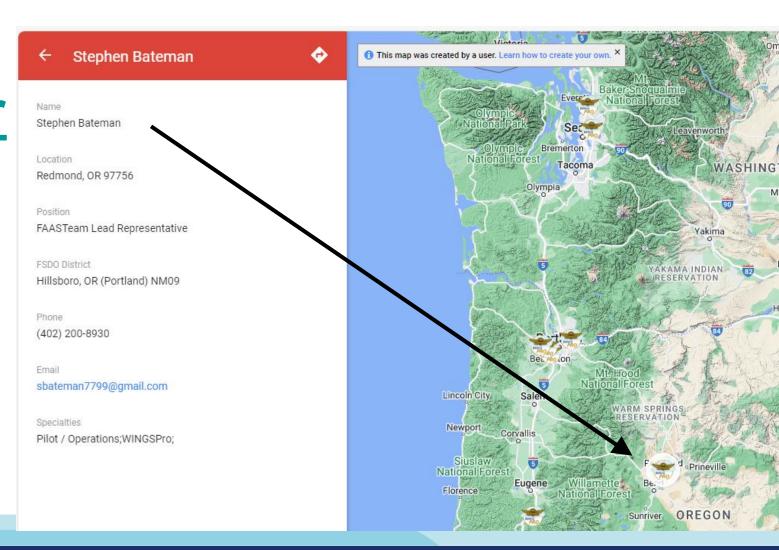


RESULTS 1 - 8 OF	8.	50 %	PER PAGE				
Name	Position	Statue	Updated	Last Login	ALC-270 Comp Date	ALC-297 Comp Date	Most Recent Other Rep Training Date
Philip Mandel Beaverton, OR 97008	FAASTeam Lead Representati Last Annual Training: 9/13/202		11/26/2021		2/13/2021	6/6/2023	
Stephen Bateman Redmond, OR 9779	FAASTeam Lead Representati 5 Last Annual Training: 9/13/202		1/29/2024		8/7/2015	1/2/2024	6/29/2016 46
Ace McCrady Cottage Grove, OR 97424	FAASTeam Lead Representati Last Annual Training: 9/13/202		10/25/2018		11/28/2017	9/27/2023	10

Need help with WINGS?

WINGSPro Locator

Talk with your local WINGSPro



WINGS for Flying Clubs

- Work with your (and other) flying clubs to promote WINGS
- Include all WINGS transcripts with insurance renewal
- My club saved 27% over previous year's premium...
- Info on AOPA Flying Clubs Radio and Club Connector newsletter
- We provide links to these ToM presentations in the Club Connector safety article
 - Search for AOPA Club Connector and sign-up



https://www.wingsindustry.com/



To reduce the general aviation accident rate through participation in the FAA Safety Team WINGS Pilot Proficiency Program

To network aviation industry members and the FAA Safety Team to enhance aviation safety through pilot and aviation maintenance technician proficiency

Welcome to E-Z WINGS

https://ezwings.net/

E-Z WINGS provides access to FAA accredited activities to earn **WINGS** credits for:

- ALL Check-rides
- ALL Flight Reviews and IPCs
- ALL Categories and Classes of Aircraft
- Now Including Student Pilots
- And Organization Specific Activities





What We'll Cover

- ✓ Access to E-Z WINGS
- ✓ FAA *WINGS* Login
- ✓ Request Credit
- √ Validate Requested Credit
- ✓ Give Credit
- ✓ Organization Specific Activities

Note:

Knowledge of the WINGS process is a prerequisite to understanding the value of E-Z WINGS

We highly recommend accessing E-Z WINGS on a separate device while reviewing this tutorial.

So, grab your smartphone or tablet, and let's get started!



Access E-Z WINGS

- Scan this QR Code to access
- E-Z WINGS on your mobile device
- Or visit https://www.ezwings.net





Login to the FAA Safety Website

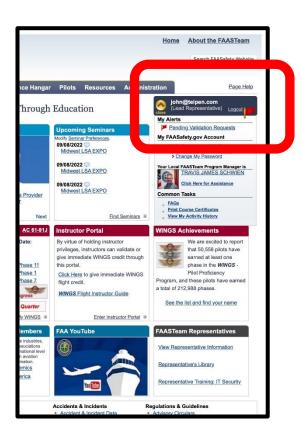
- E-Z WINGS is a web-based tool for easy access to a full set of accredited activities to request and validate a *Phase* of WINGS
- E-Z WINGS Version 1.0 requires logging in to faasafety.gov
- Logging in first makes it easier to continue through the selection process
- Essentially, a front-end to help find WINGS most-used sections



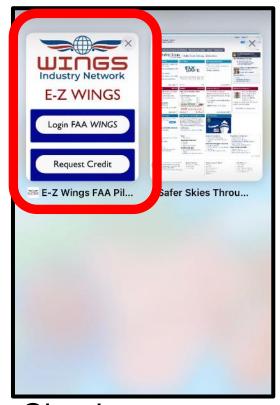




Login Here – Bypass Home Page



Your login confirmed



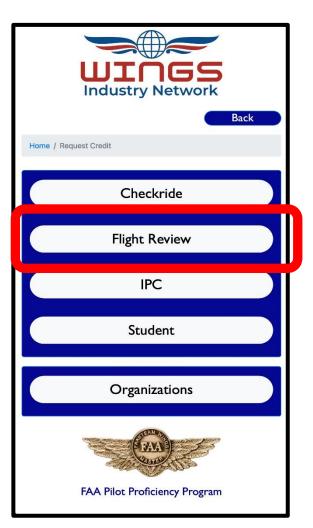
Check open window to return to E-Z WINGS



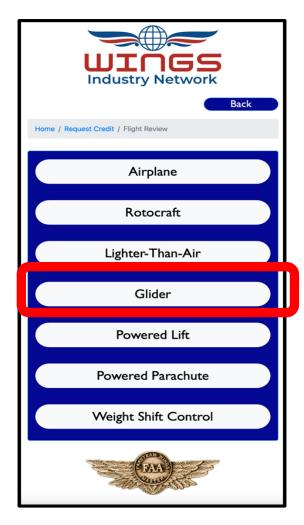
Request Credit



Select Request Credit



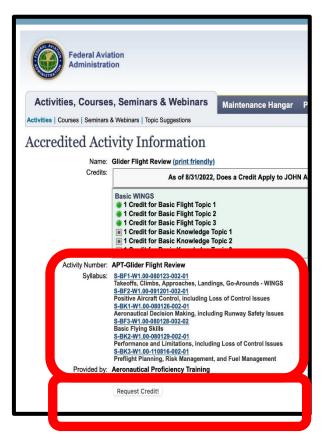
Select Event



Select Category



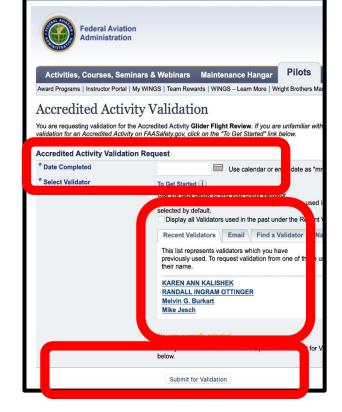
Review
Requirements
Request
Credit



Enter Date of Activity

Select Validator (your CFI or DPE)

Submit for Validation

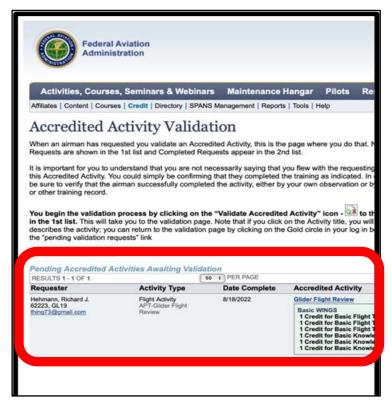


All Done!



Validate Requested Credits (for CFIs and DPEs)







Select Validate Requested Credit

Requested Credits Here

Click Logo to Validate





Why WINGS?

- 5. WINGS Training yields rewards!
- 4. WINGS Proficiency training works!
- 3. WINGS coaching gets results!
- 2. WINGS broadens your horizons!
- 1. WINGS pilots are:
 - Competent!
 - Confident!
 - Safe!



References

- FAASafety.gov
 - Information and enrollment for WINGS Pilot Proficiency Program
- Off Airport Ops Guide
 - Baseline performance determination examples
 - https://www.faasafety.gov/gslac/ALC/libview_normal.aspx?id=135893



- https://www.faasafety.gov/gslac/ALC/lib_categoryview.aspx?categoryId=15&r_s=50&r_c=50
- WINGS Information and Guidance
 - https://faasafety.gov/gslac/ALC/lib_categoryview.aspx?categoryId=39



Safety Management Systems (SMS) Coming to General Aviation



https://www.faa.gov/about/initiatives/gasafetyoutreach





But I'm just one pilot....

"I don't fly for an airline, and I don't belong to a club. I don't have an organizational culture that influences my operational decisions."



Reality:

- You are part of the GA culture, like or not
- You are high risk...a fixed wing non-comm GA pilot
- Become a WINGS pilot,
- Set personal minimums
- Treat the flight review seriously
- ...get it?
- You have control
- I have control
- You have control



Safety Management Systems (SMS) Coming to General Aviation

Scale it for your own needs

Safety Policy

The Certificate Holder's documented commitment to safety, which defines its safety objectives and the accountabilities and responsibilities of its employees regarding safety.

Safety Risk Management

A process within the SMS composed of describing the system, identifying the hazards, and analyzing, assessing, and controlling safety risk.



Safety Assurance

Processes within the SMS that function systematically to ensure the performance and effectiveness of safety risk controls and that the organization meets or exceeds its safety objectives through collecting, analyzing, and assessing information.

Safety Promotion

A combination of training and communicating safety information to support an organization's safety performance and safety culture.



https://www.faa.gov/about/initiatives/gasafetyoutreach



Homework-1: SLAP

After every flight, *SLAP* yourself and create actions for the next flight. Self evaluation:

S: How were my Skills today?

L: What did I Learn today?

A: How was my ADM today?

P: How was my Planning today?

Homework-2: WINGS

Option 1:

- Create a WINGS account
- Read the User's Guide
- Speak with a WINGSPro to have training
- Get going!

Option 2:

- Log in to your existing WINGS account
- Re-read the User's Guide
- Click around the website to get familiar



Homework- 3: Resources - General

- Spend some quality time with these resources:
- Perfecting Your Preflight Inspection
- A Closer Look at Personal SMS
- https://www.aopa.org/training-and-safety/air-safety-institute
- Safety to Go
- faasafety.gov
- Pilot Minute
- 57 Seconds To Safer Flying
- FAA Safety Briefing Magazine
- From the Flight Deck
- https://www.youtube.com/playlist?list=PL5vHkqHi51DSNpsBC8nb8Q8gFcGVmWhGA
- https://www.youtube.com/watch?v=303Pd_2UAmU

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Next Month...

The National FAA Safety Team Presents

Topic of the Month – April Energy Management

Presented to: Safety Minded Aviators, Everywhere...

By: Stephen Bateman, CFI, Chocks Away Aviation, LLC

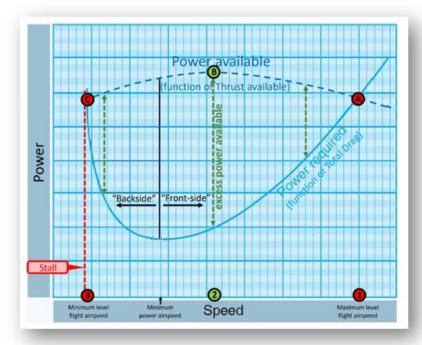
Date: Tuesday 19th March 2024

Produced by:

The National FAA Safety Team (FAASTeam)



Federal Aviation Administration





Thank you for attending!

You are vital members of our GA safety community!



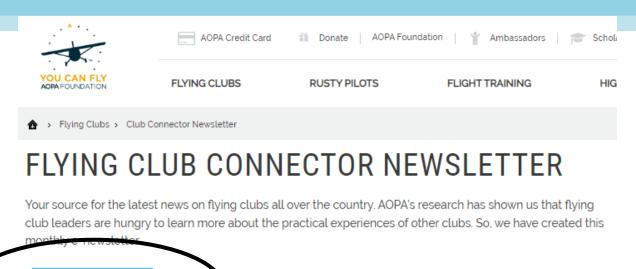




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