



# Arkansas Wing Aerospace Education

FY 2020

Commander's Call Briefing

CIVIL AIR PATROL



# ARWG AE Structure



- Transition from a linear “External” & “Internal” structure to a team-task approach to AE obligations
  - More efficient customer service to squadrons and external entities through “one-stop service”
  - More efficient use of member’s time and AE resources by reducing task overlap





# ARWG AE Tasks



<b>Maj St. Pierre</b>	<b>Capt. Podgurski</b>	<b>Maj. Hudson</b>	<b>Lt. Grafton</b>
<b><u>AE Prgm Mgmt</u></b>	AEO Training	AE Awards Cord	SQ AE Events
TOP Flights	AEM Processing	AE Grants (Ex)	Wing AE Project
AE Grant Prgm	AE Rprts (Q, Y)		AEM Tech
AE Supplies	STEM Kit Prgm		ACE Program
AEX Program	AEM Venue		

While these are the primary task areas each team member will be monitoring, the AE staff will work to assist in other areas as needed.

Questions about a specific item can be sent directly to the Team Member monitoring that area. Of course, at any time, Sq AEOs and Commanders can contact Maj. St. Pierre for clarification of who a question should be directed to.



# Internal AE



## ➤ AE Reports (updated CAPR 50-1):

### – Quarterly Wing AE Reports:

- 1<sup>st</sup> Qtr (OCT, NOV, DEC) – 15 JAN
- 2<sup>nd</sup> Qtr (JAN, FEB, MAR) – 15 APR
- 3<sup>rd</sup> Qtr (APR, MAY, JUN) – 15 JUL
- 4<sup>th</sup> Qtr (JUL, AUG, SEP) – 15 OCT

### – Annual Sq. Activity Report – **30 OCT**

- **For PREVIOUS FY year**

- “Above and Beyond” **MUST** be completed

### – Annual Sq. Plan of Action Report –

**30 NOV**



# Internal AE



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### – Annual Sq. Activity Report – 30 OCT

- **For PREVIOUS FY year**
- "Above and Beyond" MUST be completed

### – Annual Sq. Plan of Action Report –

30 NOV

**100% On-time Completion**

**FY 2020 GOAL!**



# Internal AE



## ➤ SUI Items (new CAPR 50-1)

SUI 02	Does the unit have an Internal Aerospace Education program?	Unit will submit examples of AE events (presentations, workshops, other activities, etc.) agendas which will include date and topic presented, activity done, etc.	(Discrepancy): [xx] (A1 Question 2) Unit failed to have internal Aerospace Education efforts, IAW CAPR 50-1 para 5.
SUI 03	Does the unit have an external Aerospace Education program?	Unit will submit examples of cooperative events with either schools or community organizations (Explorer/Boy/Brownie/Girl Scouts, 4-H, etc.) which resulted in the promotion of Aerospace Education.  NOTE: If unable to provide documentation then provide documentation of attempts to establish cooperative events to promote Aerospace Education.	(Discrepancy): [xx] (A1 Question 3) Unit failed to have external Aerospace Education efforts, IAW CAPR 50-1 para 6.



# Internal AE



## ➤ SUI Items (new CAPR 50-1)

SUI 02	Does the unit have an Internal Aerospace Education program?	Unit will submit examples of AE events (presentations, workshops, etc.) agencies which will include date and topic presented, activity, etc.	(Discrepancy): [xx] (A1 Question 1) Unit failed to have Internal Aerospace Education efforts, IAW CAPR 50-1 para 5.
SUI 03	Does the unit have an external Aerospace Education program?	Unit will submit examples of cooperative events with either schools or community organizations (Explorers/Brownie/Girl Scouts, 4-H, etc.) which resulted in the promotion of Aerospace Education.  NOTE: If unable to provide documentation then provide documentation of attempts to establish cooperative events to promote Aerospace Education.	(Discrepancy): [xx] (A1 Question 3) Unit failed to have external Aerospace Education efforts, IAW CAPR 50-1 para 6.

**FY 2020 GOAL: Every SQ has effective Internal and External AE**



# Internal AE



## ➤ AEX Program Squadron Stats:

- FY 2016: 7 Reg / 5 *completed*  
(40<sup>th</sup>, 42<sup>nd</sup>, 83<sup>rd</sup>, 95<sup>th</sup>, 115<sup>th</sup>)
- FY 2017: 5 Reg / 4 *completed*  
(40<sup>th</sup>, 83<sup>rd</sup>, 95<sup>th</sup>, 120<sup>th</sup>)
- FY 2018: 5 Reg / 4 *completed*  
(40<sup>th</sup>, 83<sup>rd</sup>, 95<sup>th</sup>, & 102<sup>nd</sup>)
- FY 2019: 2 Reg / unknown completion



# Internal AE



## ➤ AEX Program Squadron Stats

- FY 2016: 7 Reg / 5 completed  
(40<sup>th</sup>, 1<sup>st</sup>, 2<sup>nd</sup>, 83<sup>rd</sup>, 95<sup>th</sup>, 115<sup>th</sup>)
- FY 2017: 5 Reg / 4 completed  
(40<sup>th</sup>, 33<sup>rd</sup>, 95<sup>th</sup>, 120<sup>th</sup>)
- FY 2018: 2 Reg / 1 completed  
(1<sup>st</sup>, 83<sup>rd</sup>, 95<sup>th</sup>, & 102<sup>nd</sup>)
- FY 2019: 2 Reg / unknown completion

**FY 2020 GOAL: 5 Squadrons apply AND complete AEX program**



# Internal AE



## ➤ AE Specialty Track:

- Technician: 9    Senior: 5    Master: 5

## ➤ Yeager Awards:

– Yeager Total: 150

– Yeager Completion: 60.24%

40<sup>th</sup>: 55%    42<sup>nd</sup>: 56%    67<sup>th</sup>: 64%    83<sup>rd</sup>: 42%

95<sup>th</sup>: 66%    99<sup>th</sup>: 83%    102<sup>nd</sup>: 62%    107<sup>th</sup>: 30%

115<sup>th</sup>: 62%    120<sup>th</sup>: 66%    Wing HQ: 81%



# Internal AE



## ➤ AE Specialty Track

- Technician: 9 Senior: 5 Master: 5

## ➤ Yeager Awards

- Yeager Total: 100

- Yeager Completion: 60.24%

40<sup>th</sup>: 55% 42<sup>nd</sup>: 56% 67<sup>th</sup>: 64% 83<sup>rd</sup>: 42%

95<sup>th</sup>: 66% 99<sup>th</sup>: 83% 102<sup>nd</sup>: 62% 107<sup>th</sup>: 30%

115<sup>th</sup>: 62% 120<sup>th</sup>: 66% Wing HQ: 81%

**\*10 members level up**  
**\*75% Yeager Awards**  
**FY 2020 GOAL:**



# AE Awards



## ➤ Earned Awards

- AEX Award
- Squadron AE Achievement Award

## ➤ Nominated Awards

- Brewer Award (4 Categories)
- Holmes Award (AEO of the Year)
- CAP AE Teacher of the Year (AEM)
- AFA AE Cadet of the Year



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**AE Awards every GOAL: FY 2020**



# Internal AE



## ➤ STEM Kits

– 15 kits

• Available only to AEOs:

– Flight Simulator

– Raspberry Pi

– Remote-controlled aircraft

– Divided into Aviation / Space / Cyber

## ➤ Evaluation Reports not completed:

– 83<sup>rd</sup>, 95<sup>th</sup>, 99<sup>th</sup>, 115<sup>th</sup> (4), 120<sup>th</sup>



# Internal AE



## ➤ STEM Kits

– 15 kits

• Available only to AECs

– Flight Simulator

– Raspberry Pi

– Remote-controlled aircraft

– Divided into Aviation / Space / Cyber

## ➤ Evaluation Reports not completed:

– 83rd, 95th, 99th, 115th (4), 120th

**FY 2020 GOAL: Every Squadron apply, receive, and complete STEM kit**



# TOP Flights



- Currently \$30,000 in funding
- NHQ wants as many TOP flights as possible in 1<sup>st</sup> Qtr (OCT – DEC)
- 2 AEMs at a time
- A19 Mission Code
- **Squadron responsibility** to contact AEMs in AOR to set up TOP Flights
- Key part of sq's External AE Program



# TOP Flights



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- NHQ wants as many TOP flights as possible in 1<sup>st</sup> Qtr (OCT – DEC)
- 2 AEMs at a time
- A19 Mission Code
- Squadron responsibility to contact AEMs in AOR to set up TOP Flights
- Keep part of sq's External AE Program

**50 AEMs to fly TOP Flights**  
**GOAL: 50 AEMs to fly TOP Flights**



# Upcoming AE Administrative:



- Release of information from NHQ clarifying AE policy and other matters
- Upload a training Powerpoint on the new "10-tab Notebook" required under CAPR 50-1
- Online Form for squadrons to coordinate TOP Flights through ARWG/AE



# AE Funds



- Renewed grant to ARWG for \$10,000
- Funds for squadrons:
  - Expendable AE supplies, up to \$50 per sq. (Max available: \$350)
  - (2) \$250 mini-grants for squadrons \*\*
    - Application Deadlines:
      - 30 NOV
      - 28 FEB



\*\* See Call for Proposals for additional details and guidelines



# AE Funds



- 100 AEM Memberships
- (6) \$250 mini-grants for AEMs
- All K-12 contacts will be referred to CAP ARWG



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# AEMs



- Currently 189 AEMs
- ARWG 12<sup>th</sup> in raw numbers
- ARWG 4<sup>th</sup> per capita
- ARWG AEM Application on wing website under "Aerospace Education"





# Upcoming Events



- Fort Smith – Mid-America Defense Summit MAY 2020
- Russellville - Guy Fenter Ed Co-Op STEM Olympiad Spring 2020
- AEM Workshops: UA – Pine Bluff, UA-Monticello, UA – Fayetteville, SAU Summer 2020
- CAP Nat. AEO Workshop – Pensacola NAS JUN 2020