

AEFCO Summer Flight Experience – Basic Class 2017 Schedule June 14 – June 23

Rev 5-2017

DATE		MORNING 0800 – 1200		AFTERNOON 1300 – 1600, + EVENING
Tuesday June 13			1830	Orientation Meet parents and students – Overall briefing, sign paperwork, / Team meet & Greet
Wednesday June 14	0800	All students - Collect paperwork	1315	Guest Speaker #1 – Kevin Kuhlmann , Professor, Aviation and Aerospace Science, Metropolitan State University Denver
	0815	<i>All students – Orientation Flights</i>		
		When not on flight attend Special Class Activity –ICAO Alphabet/Numbers, Pilot Speak. – Jay Elmore	1430	Runway orientation / Traffic Patterns non-towered and towered airports – Advanced Student (30 min)
	1130	General intro to aircraft operations – use Cherokee as example – Hank (1 hr)	1515	1515 - Guest Speaker #2 – Sarah Gleeson – United Pilot / USAF
	1230	Lunch	1615	Dismissed
Thursday June 15	0800	Team Building	1330	Guest Speaker #3 – Missy May UAL / Retired F16 Pilot
	0930	Part I - Intro to Navigation – Basic Charts, Pilotage, Course Plotting, E6B – calculations Bill Clothier and Josh Tyndale (1hr 45 min)	1500	Guest Speaker #4 – Nathan Hawkins – Radio Procedures for Towered Airports, Approach/Departure Control, Tower, Ground Control/Clearance Delivery
	1130	Begin types of AC, Aeronautics – (steel tube and fabric, aluminum, composite, etc.) use models – Hank (45 min)	1615	Dismissed
	1230	Lunch		
Friday June 16	0800	1 hr 15 min Airport Data Block + Airspace – Josiah Bookman	1300	Part II - Navigation – Dead Reckoning, E6B wind calculations , Magnetic Variation - Bill Clothier / Support Brooke (1 hr 30 min)
	0930	Communication Practice Towered Airports (Outdoor Exercise) – Josiah Bookman & Adv Students, Other instructors (1 hr 15 min)	1445	Guest Speaker #5 – Shawn Bailey , Engineer with Northrop Grumman
	1100	Radio Navigation, VOR, GPS – Hank - Support from Brooke (1hour)	1600	Dismissed
	1200	Lunch		
Monday June 19	0800	<i>Orientation Flights – Climbs, glides, turns, Ground Ref, landings</i>	1315	Part IV – Navigation - Plan Flight to Limon. Dead Reckoning, Nav Log, etc. Bill + Josiah Bookman (1hr 30 min)
		Those not on flights – Continuous loop class – Chap 4 Pilot Operations at Towered Airports, Airport Signage, More Charts and SUA Airspace	1500	Guest Speaker #6 – LCDR Kris Carter, USN, C-2 2016
	1115	Part III – Navigation - Plan Flight to Limon. Pilotage, Check Points, – Bill Clothier + All Available instructors (1 hour)	1615	Dismissed

	1215	Lunch		
Tuesday June 20	0800	<i>Orientation Flights – Intro to Radio Navigation and Instrument Flight, slow flight, Slips, Landings.</i> Those not on flights – Continuous loop class – Intro to Engines, Intro to instruments – Josiah Bookman / Adam Rush	1230	Weather Reports – Hank (1 hour)
	1030	<u>Guest Speaker #7 – Eric Biles</u>	1330	<u>Guest Speaker #8 – Jackson Weiland & Maddie Harrington - Photos and video of Embrey Riddle and Summer CORTRIMID</u>
	1130	Lunch	1445	<u>Guest Speaker #9 - Mark Steward C130 and Fedex Pilot</u>
			1600	Dismissed
Wednesday June 21	0800	Orientation Flights (PIC Options To KCOS or Not) Those not on flights – Continuous loop class – Chap 3 Intro to Aerodynamics – TBD		TOUR
	1030	Part V – Navigation - Finish Flight Planning to Limon. – fuel requirements, Flight Plan Bill Clothier / Alumnus	1200	Depart for Peterson Field Hank, Esther and parents Drive for Tour
	1130	Lunch	1230	1230 - visit C-130 Sqdn – <u>Guest Speaker #7 – USAFR 302nd Airlift Wing Speaker</u>
			1430	Be at Control Tower
			1600	Depart for Classroom
			1630	Dismissed
Thursday June 22	0800	<i>Cross Country Flight to Limon – Pilotage</i> While not on flights – FAA Test Chapters 2, 3 & 4. – Advance Students	1300	<u>Guest Speaker #11–Chris Holser Coast Guard</u>
	1100	<u>Guest Speaker #10 – Adam Endemano, CW2, AVN Instructor Pilot B Company, 4-4 ARB, 4 CAB</u>	1430	<u>Guest Speaker #12 Lt Col Bryan Christensen USAF, C-5, Dean of Academics, USAFA Prep School</u>
	1200	Lunch (Movie)	1600	Dismissed
Friday June 23	0800	All students – Airmanship review <i>Chap 8 Performance, Weight & Balance</i> – Bill Clothier / Josiah Bookman	1230	<u>Guest Speaker #14– Randy Rooker_Retired Army / Life Flight</u>
	1045	<u>Guest Speaker #13 – Mike Cranford Meadow Lake Airport – T-28</u>	1345	<u>Guest Speaker #15 – Dave Elliott, Comparative pilot careers and careers in airport management</u>
	1145	Lunch	1445	Wrap up of careers in aviation. Turn in materials. Fill out critique. – Hank (1 hour)
			1545	Dismissed
			1800	Social / Celebration