

USAF training model (what we copy)

This accelerated Part 141 year = Air Force Initial Pilot Training (IPT) at civilian partners — PPL, instrument, commercial, multi, CFI, and ATP competencies in one continuous syllabus (~110+ flight hours target, competency-mapped).

- 12-hour training day — show at 0600, busy until 1800 (formal release at the 12-hour mark)
- Minimum 12-hour crew rest before the next scheduled event
- Flight room discipline — if not flying, in sim, or in academics, you are in the flight room studying until the last student finishes
- Daily formal brief (stand-up) — weather, NOTAMs, emergency procedure of the day; students run the brief under IP oversight
- Chair flying, CBTs, and group study are expected between sorties
- Formal release — new classes start on full flight-room status until the class earns release through checkride scores and academic performance

Track select (week 32)

End of Phase II (week 32 — Commercial checkride). Checkride scores, daily ride grades, academics, flight commander ranking (MASS-style merit stack) All cadets complete every FAA certificate; track select sets Phase III scheduling priority and checkride prep emphasis — same as USAF rack-and-stack at T-6 track select.

TRACK	USAF ANALOG	FOLLOW-ON
Instructor track (FAIP analog)	instructor	CFI / CFII / instructional operations — teach in the squadron before airline assignment
Airlift / tanker track (T-1 analog)	airlift	Multi-engine, time building, ATP-CTP — airline & cargo pipeline
Fighter / bomber track (T-38 analog)	fighter	Accelerated ATP-CTP & jet FTU prep — Part 121 / 135 fast track

Program organization

14th Student Squadron (STUS) — UPT Class format — UPT Class YY-Alpha (e.g. Class 26-Alpha — ~30 cadets, two flights of ~15). 12-hour duty days (0600–1800), 12-hour crew rest minimum, flight-room discipline, and OSS scheduling in Phase I — same operating model as Columbus AFB UPT.

ROLE	DUTY
Wing Commander / Commandant	Program authority, track select approval, graduation & wings ceremony
Operations Support Squadron (OSS)	Owns students in Phase I — schedules all academics, CBTs, sims, and tests
Class Commander (SRO)	Administrative lead for the class — paperwork, medical, personal issues for entire UPT
Flight Commander	Pushes students through the syllabus — daily flight line, stage checks, CAP/remediation
Flight Leader (per flight)	Accountability, weekly detail sheet, formal brief, flight-room discipline
Instructor Pilot (IP)	Dual instruction, dollar rides, debrief, checkride prep — assigned desks in flight room
Academic Officer	Phase I ground blocks, computer lab CBTs, written-test scheduling
PT Instructor	Official PT / BCA tests — graduation PFA standard
Transition Flight (casual)	In-processing & 10-days-out prep before Phase I class start (weeks 1–2)
DSO (if international)	TSA/SEVIS — must be cleared before Phase II flight line

Daily rhythm: USAF 12-hour day 0600–1800: formal brief → academics/CBT/flight room → sorties & sim → debrief → flight room until last student done → 1800 formal release · 12 h crew rest minimum — full timetable in the [cadet handbook](#).

Training phases (USAF UPT analog)

Five phases over 52 weeks — same structure as Columbus AFB: Transition → Phase I (~6 wks academics) → Phase II (~6 mo primary) → Phase III advanced → FTU.

Transition • Transition & indoctrination

Weeks 1-2 • — • Ground / intro sortie

Military analog: 14 STUS Transition Flight — casual status, in-processing, 10-days out

Report to Transition Office, gear inspection, entry PT/BCA, English screening, first supervised contact (dollar ride).

Phase I • Academics & pre-flight

Weeks 3-8 • Private Pilot (ground) • CBT / intro 172 sorties

Military analog: UPT Phase I — Academic Classes & Pre-Flight Training (~6 weeks)

Aerospace physiology analog, aircraft systems, basic instruments, mission planning, aviation weather — weekly exams before primary flight line.

Phase II • Primary — contact, instruments, navigation

Weeks 9-32 • PPL • IR • CPL • C172 + FTD

Military analog: UPT Phase II — Primary Aircraft Training (T-6A Texan II analog: Cessna 172)

~90 flight-hour analog: contact through solo, instrument, navigation, commercial maneuvers — track select at phase end.

Phase III • Advanced — multi-engine & instructor

Weeks 33-44 • AMEL • CFI • CFII • Seminole • 172 • FTD

Military analog: UPT Phase III — Advanced (T-1 airlift / T-38 fighter track analog)

Track-priority scheduling: ME qualification, CFI/CFII — FAIP analog for top instructor-track cadets.

Phase III → FTU • FTU transition & graduation

Weeks 45-52 • MEI (opt.) • ATP-CTP • ATP • 172 / Seminole • jet FTD

Military analog: Formal Training Unit (FTU) — jet transition & assignment (T-1/T-38 follow-on analog)

Instructional ops & time building, ATP-CTP sim, ATP written/practical — wings of gold graduation.

Hour targets (planning)

Planning targets aligned with AETC FUPT/IPT (~110 IPT flight hours + ~57 T-6-analog primary hours) — actual hours depend on proficiency repeats and weather.

CATEGORY	TARGET
Total flight	~280–320
Dual	~180–200
Solo	~40–50
Sim / FTD	~50–60 (AF T-6 target ~50 sim hours)
Ground instruction	~350–400
Instruction given (CFI phase)	~80–120 (Phase III FAIP analog as CFI)
PIC / ATP mins	Build toward ATP mins (1,500 h or R-ATP if eligible)

Progression gates

No advancement without passing the gate — same discipline as military UPT stage checks.

WEEK	GATE
1	Medical & student pilot certificate
2	PT entry standards met
2	TSA / SEVIS clearance (foreign nationals) (if applicable)
8	Presolo stage check
8	Phase I academics complete
9	Private Pilot knowledge test (PPKT)
9	First solo
12	Stage II stage check (PPL)
12	Private Pilot checkride
17	Instrument written (IAK)
15	Instrument stage checks
21	Instrument checkride
26	Commercial written (CX)
32	Track select (Phase II complete)
32	Commercial checkride
36	Multi-Engine checkride
39	CFI + FOI writtens
41	CFI checkride

WEEK	GATE
44	CFII checkride
51	ATP-CTP graduation
52	ATP checkride

Week-by-week syllabus (52 weeks)

WK	PHASE / TITLE	GROUND / ACADEMICS	FLIGHT LINE	SIM / FTD	PT	MILESTONES
1	TRANSITION Reporting & standards week	Program rules, 19 Rules, regs overview, airport ops, English screening	Introductory sortie (F-1) — four fundamentals; no solo	—	Entry PT test baseline; daily formation runs	In-processing · Gear inspection · Medical & student pilot cert start
2	TRANSITION Screening & go/no-go	Aerodynamics I, weather intro, chart reading, personal minimums	F-2 slow flight & stalls; F-3 ground reference intro	Chair-fly / flows lab	BCA screening; remedial PT plan if below standard	Foreign-student clearance gate (if applicable) · Class photo / flight assignment
3	PHASE I Aerospace physiology & airport ops	Aerospace physiology analog + test; airport ops; 14 STUS Phase I start — OSS owns scheduling	Dollar ride (F-1) — four fundamentals; no solo	CBT / computer lab — POH familiarization	Standard PT; PFA prep begins	Phase I start ceremony · OSS scheduling in-processing
4	PHASE I Aircraft systems	172/T-6-analog systems class + weekly exam; performance & W&B	F-2 slow flight & stalls intro (dual only)	Systems CBT; chair-fly lab	1.5-mile run assessment	Aircraft systems exam
5	PHASE I Basic instruments (ground)	Basic instruments class + test; IFR chart intro; PPKT intensive	F-3 ground reference; pattern theory sorties	Instrument scan CBT	PT retest if needed	Basic instruments exam · Presolo knowledge test prep

WK	PHASE / TITLE	GROUND / ACADEMICS	FLIGHT LINE	SIM / FTD	PT	MILESTONES
6	PHASE I Mission planning & navigation	Mission planning / nav class + test; aviation weather I	F-4 pattern & landings; presolo maneuvers intro	Nav log workshop	Maintenance PT	Mission planning exam
7	PHASE I Aviation weather & regs	Aviation weather class + test; FAR overview; risk management	F-5 crosswind & go-around; F-6 presolo maneuvers	Weather CBT / METAR-TAF lab	Standard PT	Weather exam · PPKT scheduled
8	PHASE I Phase I end-of-course	Phase I comprehensive exam; formal brief & stand-up training	F-7 presolo review; presolo stage check	Stand-up / EP-of-the-day lab	Standard PT	Phase I graduation · Flight room assignment · Presolo stage check
9	PHASE II Primary flight line — first solo	PPKT completion; solo regulations §61.87	F-8 first solo (+ solos as weather allows)	—	Standard PT	Phase II start — primary (T 6 analog) · First solo ceremony · PPKT passed
10	PHASE II Solo consolidation	Cross-country planning I	Solo pattern & practice area; dual nav intro	—	Standard PT	Earn formal release consideration · Logbook audit
11	PHASE II Navigation dual	Nav log, pilotage, dead reckoning	F-9 pilotage & DR; F-10 dual XC (>50 nm)	Nav log workshop	Standard PT	—
12	PHASE II Private Pilot checkride	ACS review — all PPL areas; end-of-course ground	F-13 solo practice; F-14–F-17 checkride profile; PPL practical	Mock oral blocks	Standard PT	Stage II stage check · Private Pilot checkride ·

WK	PHASE / TITLE	GROUND / ACADEMICS	FLIGHT LINE	SIM / FTD	PT	MILESTONES
						Epaulet bar upgrade
13	PHASE II Instrument indoctrination	IFR regs, charts, clearances, IFR knowledge test prep start	I-1 basic attitude IF; I-2 partial panel	FTD hood work	Standard PT	T-6 instrument block start
14	PHASE II Holds & procedures	Holding entries, IAP charts	I-3 holding & IFR nav; I-4 departures & enroute IFR	FTD holds	Standard PT	—
15	PHASE II Approaches I	Precision vs non-precision; minimums	I-5 Stage I check prep; precision approach dual	FTD ILS/LPV	Standard PT	Instrument Stage I stage check
16	PHASE II Approaches II	IAKIDO / written test push	I-6 precision; I-7 non-precision & circling	FTD approach sequences	Standard PT	Instrument written (IAK) scheduled
17	PHASE II IFR cross-country	Alternate planning, icing, IFR emergencies	I-8 IFR XC (≥250 nm planned)	—	Standard PT	IAK passed
18	PHASE II Partial panel & failures	IFR regs review; lost comm	I-9 partial-panel approaches	FTD failures	Standard PT	—
19	PHASE II Instrument stage check prep	Oral prep — procedures & systems	Checkride profile flights; IPC-style review	FTD end-of-course profile	Standard PT	—
20	PHASE II Instrument stage check	Mock oral	I-10 end-of-course / stage check	—	Standard PT	Instrument Stage II stage check

WK	PHASE / TITLE	GROUND / ACADEMICS	FLIGHT LINE	SIM / FTD	PT	MILESTONES
21	PHASE II Instrument checkride window	Final IAK review if needed	Instrument practical test prep & ride	—	Standard PT	Instrument checkride
22	PHASE II Phase II closure	Commercial preview — aerodynamics II	Proficiency flights or remediation	—	Mid-program PT assessment (all events)	Phase II instrument block complete · Class midway review
23	PHASE II Commercial indoctrination	Commercial regs & privileges; CX knowledge test prep	C-1 complex/TAA checkout; C-2 chandelles	—	Standard PT	Commercial block — Phase II continued
24	PHASE II Commercial maneuvers I	Advanced aerodynamics; systems	C-3 lazy eights; C-4 eights on pylons	—	Standard PT	—
25	PHASE II Commercial maneuvers II	Performance charts; CX written push	C-5 steep spirals; C-6 precision landings	—	Standard PT	—
26	PHASE II Commercial stage check I	CX knowledge test	C-7 Stage I commercial stage check	—	Standard PT	Commercial Stage I stage check · CX written passed
27	PHASE II Long XC commercial	High-altitude & oxygen (as applicable)	C-8 long commercial XC (≥300 nm planned)	—	Standard PT	—
28	PHASE II Night commercial	Night currency & commercial reqs	C-9 night commercial ops	—	Standard PT	—

WK	PHASE / TITLE	GROUND / ACADEMICS	FLIGHT LINE	SIM / FTD	PT	MILESTONES
29	PHASE II Instrument commercial review	Oral prep — commercial ACS	C-10 instrument review & emergencies	FTD if needed	Standard PT	—
30	PHASE II Checkride profile	Mock oral — commercial	C-11 checkride profile; mock practical	—	Standard PT	—
31	PHASE II Commercial stage check II	Final ground gaps	C-12 end-of-course stage check	—	Standard PT	Commercial Stage II stage check
32	PHASE II Track select & Commercial checkride	Track preference worksheets — instructor / airlift / fighter analog	Commercial practical test	—	Standard PT	Commercial checkride · Track select (MASS ranking) · Phase II graduation
33	PHASE III Multi-engine indoctrination	Multi systems, Vmc, critical engine	ME checkout — normal ops	ME systems briefing	Standard PT	Phase III start — advanced track (T-1/T-38 analog)
34	PHASE III Engine-out & Vmc	ME written prep (if applicable)	Engine-out drills, feathering, Vmc demos	—	Standard PT	—
35	PHASE III ME XC & stage check	ME oral prep	ME cross-country; stage check prep	—	Standard PT	ME stage check
36	PHASE III Multi-engine checkride	—	AMEL practical test	—	Standard PT	Multi-Engine checkride · Phase IV graduation

WK	PHASE / TITLE	GROUND / ACADEMICS	FLIGHT LINE	SIM / FTD	PT	MILESTONES
37	PHASE III FOI & CFI ground	FOI intensive; CFI knowledge test prep; learning theory	Right-seat familiarization	Teaching lab — whiteboard practicum	Standard PT	Phase III start — instructor track (FAIP analog)
38	PHASE III Teaching technique I	Lesson planning; CFI written push	Supervised teaching — fundamentals	—	Standard PT	FOI + CFI writtens scheduled
39	PHASE III Teaching technique II	FOI/CGI writtens completion	Supervised teaching — maneuvers	—	Standard PT	CFI written passed
40	PHASE III CFI stage check prep	Oral prep — FOIs & regs	CFI checkride profile flights	—	Standard PT	—
41	PHASE III CFI checkride	Mock CFI oral	CFI practical test	—	Standard PT	CFI checkride · Instructor epaulet bar
42	PHASE III CFII indoctrination	Instrument instructor regs; CFII written	IFR teaching hops from right seat	FTD teaching scenarios	Standard PT	—
43	PHASE III CFII prep	CFII written completion	CFII profile flights	FTD approaches teaching	Standard PT	CFII written passed
44	PHASE III CFII checkride	—	CFII practical test	—	Standard PT	CFII checkride · Phase III instructor track complete
45	PHASE III → FTU Instructional operations I	SMS / CRM; professional standards	Primary instruction sorties (as CFI)	—	Increased PT — instructor stamina	FTU assignment — instructional

WK	PHASE / TITLE	GROUND / ACADEMICS	FLIGHT LINE	SIM / FTD	PT	MILESTONES
						operations flight
46	PHASE III → FTU Instructional operations II	MEI prep (optional track)	Instrument instruction sorties; ME teaching prep	—	Standard PT	—
47	PHASE III → FTU MEI & time building	ATP mins audit — hours remaining	MEI checkride window; XC time building	—	Standard PT	MEI checkride (if on track)
48	PHASE III → FTU Assignment readiness	Air carrier ops intro; 121/135 overview	Consolidation & PIC XC	—	Final pre-ATP PT assessment	FTU review – ATP eligibility check
49	PHASE III → FTU ATP-CTP indoctrination	ATP-CTP academics — high-altitude, 121 ops, CRM	—	Jet FTD intro sessions	Maintenance PT	FTU start — jet transition (ATP-CTP) · ATP written prep
50	PHASE III → FTU ATP-CTP sim intensive	ATP-CTP continued; LOFT briefing	—	Full-motion or FTD LOFT profiles	Maintenance PT	ATP-CTP mid course exam
51	PHASE III → FTU ATP-CTP completion	ATP knowledge test	ATP practical prep (if in aircraft)	ATP-CTP final sim check	Maintenance PT	ATP-CTP graduation certificate · ATP written passed
52	PHASE III → FTU Wings of gold — graduation	Program debrief; records package for employers / conversion	ATP practical test window	As required for ATP checkride	Final formation run	ATP checkride · UPT graduation ceremony · Class 26-Alpha complete

Lesson detail (elements, ACS references, planned dual/solo hours) lives in the [flight lesson plans](#). PT entry standards and official testing are in the [student portal](#). Foreign nationals must complete [compliance clearance](#) before Phase I flight training.