

**2021/22 Summary of Information for Veterans completing B.S. Aviation Flight at California Baptist University (CBU)**

**INSTRUCTIONAL FACILITIES**

**A.** California Baptist University employs all faculty and flight instructors, and owns all aircraft/simulators. CBU is certified by the FAA under 14 Code of Federal Regulations Part 141 meeting all requirements for instrument and commercial ground/flight training thus meeting all R-ATP requirements.

**B.** Formal ground school is conducted at California Baptist University Airport Campus on KRAL.

**C.** Aircraft Inventory

<u>Make</u>	<u>Model</u>	<u>N-Number</u>	<u>Horse Power</u>	<u>Single/Multi Engine</u>	<u>Leased/Owned</u>
Cessna	150L	N935CB	100	Single	Owned
Cessna	172M	N944CB	150	Single	Owned
Piper	PA28-181	N207CB	180	Single	Owned
Piper	PA28-181	N233CB	180	Single	Owned
Piper	PA28-181	N255CB	180	Single	Owned
Piper	PA28-181	N246CB	180	Single	Owned
Piper	PA28-181	N259CB	180	Single	Owned
Piper	PA28-181	N262CB	180	Single	Owned
Piper	PA28-181	N272CB	180	Single	Owned
Piper	PA28-181	N291CB	180	Single	Owned
Piper	PA28-181	N296CB	180	Single	Owned
Piper	PA28R	N373CB	200	Single	Owned
Piper	PA28R	N374CB	200	Single	Owned
Piper	PA44	N438CB	180	Multi	Owned
Piper	PA44	N486CB	180	Multi	Owned
CR12Pro	AATD		N/A	N/A	Owned
DCX Max	AATD		N/A	N/A	Owned
FRASCA	TruFlight AATD		N/A	PA28 simulator	Owned
FRASCA	TruFlight AATD		N/A	PA28 simulator	Owned

**NOTE:** Any veteran, serviceperson, reservist, or authorized dependent enrolled in a flight course may train only in the aircraft (a/c) approved by the FAA for that course. Hourly rates are shown in the cost breakdown and are based on the aircraft in the horsepower category and syllabus.

**TRAINING SYLLABUS**

A student at the time of enrollment receives a copy of the FSDO approved Training Course Outline (TCO) as required under FAR 141.55(b). This is available on both TALON/ETA and InsideCBU. Contact the chief flight instructor immediately if you have any questions on how to find the training syllabi.

**INSTRUCTIONAL SCHEDULE**

The flight schedule follows the institutional calendar of spring/summer/fall semesters. If flight training is not finished by the end of the semester, students may be given a satisfactory progress (SP). Students have the subsequent three semesters to complete all course work. If the course work remains unfinished, a failing grade will replace the SP.

**VA EDUCATION BENEFITS FOR ELIGIBLE STUDENTS**

Although the term "Veteran" is generally used to describe recipients of VA education benefits, students who qualify to receive education benefits for flight programs could be eligible servicepersons, veterans, reservists, or authorized dependents. Persons eligible to receive benefits under the Dependents Educational Assistance program (DEA, or Chapter 35) are not eligible to receive education benefits for any vocational flight program. However, certain dependents eligible under the Transfer of Entitlement (TOE) provision of Chapter 33 could potentially receive benefits for an approved flight program. Benefits for

vocational flight training under Part 141 cannot be paid to persons eligible to benefits under the Veterans Retraining Assistance Program (VRAP).

An eligible student may receive education benefits from the U.S. Department of Veterans Affairs (VA) for approved flight training; however, the amount of benefit payable is based on the type of education benefit program the student is qualified to receive. There are several benefit types currently paid by VA:

- Post-9/11 GI Bill (Chapter 33)
- Montgomery GI Bill (MGIB, or Chapter 30)
- Montgomery GI Bill-Selected Reserve (MGIB-SR, or Chapter 1606)

Detailed descriptions & eligibility requirements for each benefit program administered by VA are online at <http://www.benefits.va.gov/gibill/>

The annual cap for the 2021/2022 Academic year is \$26,042.81. CBU currently offers \$10,000 of additional funds through the Yellow Ribbon scholarship per academic year. This is matched by the VA bringing the total funds per fiscal year to \$46,042.81 for 100% Post 9/11 GI Bill recipients. Education benefits paid under Post 9/11 GI Bill (Chapter 33) for any approved flight training completed by the student are paid directly to the university and not to the student. These are tracked on the flight line in ETA/TALON available to each student to see all charges and current funds available on their account.

The flight lab fees table at the end of this addendum provides exact lab fees for each course to include aircraft, simulator, instructor, and lab kit costs. Any costs above these are the responsibility of the student.

#### **A. Veteran Benefits**

Veteran students are required to meet with CBU Certifying Official to review flight funding at the beginning of their academic program. Additional flight training above the approved amount is the responsibility of the student. Unused approved funding will be returned to the VA at the end of the term or SP extension.

#### **B. Miscellaneous Information**

Aviation Training adheres to schools' policy in regards to Grading, Refunds, Withdrawal, Attendance, and Academic Progress.

#### **C. NOTE:**

All Veteran Students are required to immediately notify the CBU Certifying Official of any changes in schedule, flight training, flight funding or academic progress. The CBU Certifying Official requests approved funds only.

#### **SIMULATOR TRAINING**

For VA reporting purposes, the hours of training in flight simulators and flight training devices are dual instruction.

#### **MEDICAL CERTIFICATION**

Veterans, servicepersons, reservists, and authorized dependents may receive educational benefits for flight training provided they possess a valid medical certificate for the program for which they are enrolled. VA regulations 38 CFR 21.4235 (a)(2) require a class II or better medical certificate prior to entry in order to receive benefits for flight training programs other than Airline Transport Pilot (ATP). Medical certificates must be kept current while the student is enrolled in the program.

#### **AVIATION FLIGHT BS ACADEMIC PROGRAM**

Units covered by VA benefits specifically within the four Aviation Flight BS concentrations are 67 units for Commercial concentration, 59 units for Military concentration, 73 units for Missionary concentration, and 63 units for Unmanned Aerial Systems concentration. 47 units are included within the concentrations as lower and upper division required core courses. The optional portions of the commercial and missionary concentrations titled "Optional Flight Instructor Requirements" in the commercial concentration and "Optional Multi-Engine Commercial Requirements" in the missionary concentration are not covered by VA benefits.

### **A. Lower Division Courses**

The lower division required courses add up to 23 units and include:

AVN110 – Introduction to Aviation  
AVN210 – Aviation Meteorology  
FLT 116 – Private Pilot Ground  
FLT 117 – Private Airplane Pilot Lab I  
FLT 118 – Private Airplane Pilot Lab II  
FLT 119 – Instrument Pilot Ground  
FLT 214 – Instrument I Airplane Pilot Lab  
FLT 216 – Instrument II Airplane Pilot Lab  
FLT 224 – Modern Avionics and Navigational Aids

### **B. Upper Division Courses**

The upper division required course of the core add up to 24 units and include:

AVN 310 – Aviation Law and Regulations  
AVN 322 – Aviation Safety  
FLT 326 - Human Factors  
FLT 328 – Aircraft Systems  
FLT 350 – Airplane Aerodynamics  
FLT 410 – Turbine Systems  
FLT 420 – Crew Resource Management  
FLT 495 – Advanced Aerodynamics

### **C. Courses specific to each concentration**

Each of the four concentrations include additional classes specific to those concentrations.

#### **COMMERCIAL CONCENTRATION**

The commercial concentration includes another 20 units. There are 11 units within the required courses of the commercial concentration and include:

FLT 301 - Advanced and Commercial Airplane Pilot Ground  
FLT 311 - Commercial Pilot Ground  
FLT 312 - Commercial I Airplane Pilot Lab  
FLT 313 - Commercial II Airplane Pilot Lab  
FLT 314 - Advanced Commercial Airplane Pilot Lab

There are 9 additional commercial concentration electives. These can be selected from the following courses:

AMG 424 – Business Aviation Management  
AMG 426 – Airline Management  
AVN 490 – Aviation Internship I  
AVN 491 – Aviation Internship II  
FLT 430 – Airline Prep

#### **MILITARY CONCENTRATION**

The military concentration of the Aviation Flight BS includes another 12 units. There are 9 units within the required courses of the military concentration and include:

AVN390 Leadership in Aviation  
LDR310 Leadership Theory

## LDR330 Personal Leadership

There are 3 additional military concentration electives. These can be selected from the following courses:

AIR301 Air Force Leadership and Management I  
AIR302 Air Force Leadership and Management II  
AIR303 Air Force Leadership and Management III  
AIR401 National Security Forces in Contemporary American Society I  
AIR402 National Security Forces in Contemporary American Society II  
AIR403 National Security Forces in Contemporary American Society III  
BUS349 Communication Strategy in Management  
BUS435 Leadership in Organizations  
LDR350 Communication Principles for Leadership  
LDR430 Decision Making and Leadership  
LDR450 Culture and Leadership  
MSL301 Training Management and Warfighting Functions  
MSL302 Applied Leadership in Small Unit Operations  
MSL401 The Army Officer  
MSL402 Company Grade Leadership  
MSL451 Seminar in Military History  
POL471 Terrorism  
PST405 Cross-Cultural Leadership  
PSY388 Industrial and Organizational Psychology

## MISSIONARY CONCENTRATION

The missionary concentration of the Aviation Flight BS includes another 26 units. There are 20 units within the required courses of the missionary concentration and include:

CBS 420 - Behavioral Implications of Theology OR CST 370 - The Christian Faith  
FLT 311 - Commercial Pilot Ground  
FLT 312 - Commercial I Airplane Pilot Lab  
FLT 313 - Commercial II Airplane Pilot Lab  
FLT 315 - Flight Instructor Pilot Ground  
FLT 318 - Certified Flight Instructor Lab  
FLT 421 - Mission Aviation  
ICS 305 - Global Christianity

There are 6 additional missionary concentration electives. These can be selected from the following courses:

CST 110 - Old Testament Survey OR CST 210 - Pentateuch and Former Prophets OR CST 220 - Latter Prophets and Writings  
CST 130 - New Testament Survey OR CST 230 - Jesus and the Gospels OR CST 240 - Paul and the Early Church

## UNMANNED AERIAL SYSTEMS

The unmanned concentration of the Aviation Flight BS includes another 16 units. There are 10 units within the required courses for the unmanned aerial system concentration and include:

UAS115 Intro to Unmanned Aerial Systems  
UAS215 Small Unmanned Aerial Systems Flight Lab  
UAS325 Medium Unmanned Aerial Systems Operations I  
UAS425 Large Unmanned Aerial System Operations

There are 6 additional unmanned aerial system concentration electives. These can be selected from the following courses:

COM308 Interpersonal Communications  
 GDM341 Video Fundamentals  
 UAS326 Medium Unmanned Aerial System Operations II  
 UAS400 Special Topics in UAS  
 UAS415 Unmanned Aerial System Mission Planning  
 POL471 Terrorism

**FLIGHT LAB FEES**

<b>Course</b>	<b>Activities</b>	<b>Hours</b>	<b>Hourly Rate</b>	<b>Total Cost</b>	<b>Course Cost</b>
<b>FLT 117 Private I</b>	Ground Hours	19.5	\$50.00	\$975.00	\$7,139
	Dual AATD Hours	4.9	\$160.00	\$784.00	
	Dual Archer Hours	21	\$245.00	\$5,145.00	
	ETA Talon			\$100.00	
	ForeFlight ProPlus			\$135.00	
<b>FLT 118 Private II</b>	Ground Hours	26.5	\$50.00	\$1,325.00	\$10,857
	Dual Archer Hours	26	\$245.00	\$6,370.00	
	Solo Archer Hours	10.5	\$195.00	\$2,047.50	
	Dual AATD Hours	3.9	\$160.00	\$624.00	
	ETA Talon			\$100.00	
	Solo Archer Hours (checkride)	2	\$195.00	\$390.00	
<b>FLT 214 Instrument I</b>	Ground Hours	16	\$50.00	\$800.00	\$3,591
	Dual AATD Hours	14.3	\$160.00	\$2,288.00	
	ETA Talon			\$100.00	
	ForeFlight ProPlus			\$135.00	
	Jeppesen 141 IFR Ground			\$169.00	
	Jeppesen charts in ForeFlight			\$99.00	
<b>FLT 216 Instrument II</b>	Ground Hours	28	\$50.00	\$1,400.00	\$8,565
	Dual Archer Hours	23	\$245.00	\$5,635.00	
	Dual AATD Hours	6.5	\$160.00	\$1,040.00	
	ETA Talon			\$100.00	
	Solo Archer Hours (checkride)	2	\$195.00	\$390.00	
<b>FLT 312 Commercial I</b>	Ground Hours	10	\$50.00	\$500.00	\$17,840
	Dual AATD Hours	1.3	\$160.00	\$208.00	
	Dual Arrow Hours	10	\$270.00	\$2,700.00	
	Dual Archer Hours	9.5	\$245.00	\$2,328.00	
	Solo Archer Hours	60	\$195.00	\$11,700.00	
	ETA Talon			\$100.00	
	Jepp 141 Commercial Ground			\$169.00	
	ForeFlight ProPlus			\$135.00	
<b>FLT 313 Commercial II</b>	Ground Hours	30	\$50.00	\$1,500.00	\$12,862
	Dual Arrow Hours	37	\$270.00	\$9,990.00	
	Dual AATD Hours	5.2	\$160.00	\$832.00	
	ETA Talon			\$100.00	

	Solo Arrow Hours (checkride)	2	\$220.00	\$440.00	
<b>FLT314 Advanced Commercial</b>	Ground Hours	11.9	\$50.00	\$595.00	\$8,421
	Dual Seminole Hours	18.5	\$365.00	\$6,753.00	
	Dual AATD Hours	1.3	\$160.00	\$208.00	
	Solo Seminole Hours (checkride)	2	\$315.00	\$630.00	
	ForeFlight ProPlus			\$135.00	
	ETA Talon			\$100.00	
<b>FLT 318 Certified Flight Instructor</b>	Ground Hours	43	\$50.00	\$2,150.00	\$7,853
	Dual Archer Hours	15.5	\$245.00	\$3,798.00	
	Dual AATD Hours	8	\$160.00	\$1,280.00	
	Solo Archer Hours (checkride)	2	\$195.00	\$390.00	
	ForeFlight ProPlus			\$135.00	
	ETA Talon			\$100.00	
<b>FLT 319 Certified Flight Instrument Instructor</b>	Ground Hours	17.1	\$50.00	\$855.00	\$6,267
	Dual Archer Hours	10.2	\$245.00	\$2,499.00	
	Dual AATD Hours	14.3	\$160.00	\$2,288.00	
	Solo Archer Hours (checkride)	2	\$195.00	\$390.00	
	ForeFlight ProPlus			\$135.00	
	ETA Talon			\$100.00	
<b>FLT 419 Multi Engine Instructor</b>	Ground Hours	16	\$50.00	\$800.00	\$7,140
	Dual Seminole Hours	15	\$365.00	\$5,475.00	
	Solo Seminole Hours (checkride)	2	\$315.00	\$630.00	
	ForeFlight ProPlus			\$135.00	
	ETA Talon			\$100.00	

Ground time includes orals and pre/post flight briefings

Archer Hourly Rate: \$195

Arrow Hourly Rate: \$220

Seminole Hourly Rate: \$315

FRASCA AATD Hourly Rate: \$110

CFI Hourly Rate: \$50

\*Under Title 38 section 103 of the Colmery Act, VA Chapter 31/33 recipients are exempt from having to meet all financial clearance requirements and complete full payment with verified funds to cover their flight lab fee prior to receiving clearance to fly.