



Letter of Authorization

Authority for an Institution of Higher Education to Certify Its Graduates for an Airline Transport Pilot Certificate with Reduced Aeronautical Experience

1. The Western Michigan University is hereby approved by the Federal Aviation Administration to issue the certifying statement of authorized degree programs according to the conditions and limitations of this Letter of Authorization (LOA). Any changes to the conditions listed in subparagraphs 2 through 7 below must be immediately communicated to the FAA.

2. The Institution of Higher Education is hereby authorized to certify graduates meet the academic eligibility requirements of 14 CFR Part 61, § 61.160 (b) or (d). The Institution of Higher Education is hereby authorized to issue the following certifying statement to a qualified graduate. The certifying statement given to a graduate should only reflect the paragraph of § 61.160 that is applicable to that graduate.
 - a. The Western Michigan University certifies that the recipient of this degree has successfully completed all of the aviation coursework requirements of 14 CFR Part 61 and therefore meets the academic eligibility requirements of [*insert the § 61.160 paragraph applicable to the graduate as authorized in subparagraph 2*].

 - b. This certifying statement must be placed on the alternative document submitted with the application and deemed acceptable by the Administrator.

3. An Institution of Higher Education may not certify a graduate who does not meet the requirements prescribed in § 61.160 (b), (c), or (d), as applicable. The Institution of Higher Education must conduct an individual assessment of each graduate's transcript to determine eligibility. To be eligible to receive a certifying statement, the graduate must:
 - a. Hold a degree with an aviation major listed in Table 1,

 - b. Have completed the appropriate number of credit hours of aviation and aviation-related coursework listed in Table 2. An Institution of Higher Education may not credit coursework completed at that Institution of Higher Education that is not listed in Table 2, and

 - c. Have completed instrument and commercial ground and flight training from the Part 141 school(s) listed in Table 3. A student may receive credit under 14 CFR Part 141, § 141.77 for training completed outside the Part 141 school(s) listed in Table 3 if all of the following conditions are met:
 - (1) the previous training was completed for credit hours as part of a broader academic curriculum at an Institution of Higher Education that also received authorization from the FAA to certify its graduates for an airline transport pilot (ATP) certificate with reduced aeronautical experience; and

 - (2) the Part 141 pilot school(s) where the training was completed is listed in Table 3 of that Institution of Higher Education's LOA; and

 - (3) the instrument and commercial ground and flight training coursework is listed in Table 2 of that Institution of Higher Education's LOA.



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4. The following are the only Institution of Higher Education degree program(s) with the associated aviation-related coursework which qualify for the statement above:

Table 1 - Degree Program(s) with Aviation Major

Degree	Major
Bachelor of Science	Aviation Flight Science
Bachelor of Science	Aviation Maintenance Technology
Bachelor of Science	Aviation Management and Operations
Bachelor of Science	Aviation Science and Administration
Bachelor of Science	Aviation Technical Operations (added as of May 2020)

5. The following are the only courses that are applicable towards the minimum number of credit hours for the degree program(s) with an aviation major listed in Table 1.

a. The Institution of Higher Education must ensure that a graduate obtains the minimum required number of credit hours as listed in § 61.160 (b), (c) or (d), as applicable.

Table 2 - Authorized Aviation Coursework

Course Number	Course Title	Semester Credits
AVS 120	Introduction to Aviation [2004/2005 school year and prior]	2
AVS 1200	Introduction to Aviation [2013/14 school year and after]	3
AVS 1200	Introduction to Aviation [2005/2006 to 2012/2013 school years]	2
AVS 121	Aerodynamics and Performance [2004/2005 school year and prior]	2
AVS 1210	Aerodynamics and Performance [2005/2006 to Nov 2023]	2
AVS 1210	Aerodynamics and Performance (approved November 2023)	3
AVS 122	Aircraft Systems [2004/2005 school year and prior]	3
AVS 1220	Introduction to Airframes and Systems [2013/14 school year and after]	2
AVS 1220	Aircraft Systems [2005/2006 to 20012/13 school year]	3
AVS 1225	Introduction to Aircraft Powerplants [2013/14 sch. yr and after]	2
AVS 123	Aircraft Systems Laboratory [2004/2005 school year and prior]	2
AVS 1230	Aircraft Systems Laboratory [2013/14 school year and after]	1
AVS 1230	Aircraft Systems Laboratory [2005/2006 to 2012/13 school year]	2
AVS 1235	Aircraft Powerplants Laboratory [2013/14 school year and after]	1
AVS 1500	Aeronautical Radiotelephony Communications [added as of May 2020]	3
AVS 1510	Professional Flight I Theory [2010/11 school year and after]	3
AVS 1520	Professional Flight I Lab A [2010/11 school year to November 2023]	1
AVS 1520	Professional Flight I Lab A (approved November 2023)	2
AVS 1525	Professional Flight I Lab B [2010/11 school year to November 2023]	1
AVS 1525	Professional Flight I Lab B (approved November 2023)	2
AVS 205	Aviation Safety [2003/2004 and 2004/2005 school years]	3



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Course Number	Course Title	Semester Credits
AVS 205	Aviation Safety [2002/2003 school year and prior]	2
AVS 2050	Aviation Safety [2005/2006 school year and after]	3
AVS 206	Flight Physiology [2004/2005 school year and prior]	2
AVS 2060	Flight Physiology [2006/2007 school year and after]	3
AVS 2060	Flight Physiology [2005/2006 school year]	2
AVS 207	Crew Resource Management [2004/2005 school year and prior]	2
AVS 2070	Crew Resource Management [2006/2007 school year and after]	3
AVS 2070	Crew Resource Management [2005/2006 school year]	2
AVS 2100	Introduction to Airports [added as of May 2020]	3
AVS 212	Aviation Meteorology [2004/2005 school year and prior]	2
AVS 2120	Aviation Meteorology [2005/2006 school year and after]	3
AVS 221	Professional Flight I Theory I [2001/2002 through 2004/2005 school years]	3
AVS 2210	Professional Flight I Theory [2005/2006 to 2009/2010 school year]	3
AVS 222	Professional Flight I Lab [2001/2002 through 2004/2005 school years]	2
AVS 2220	Professional Flight I Lab [2005/2006 through 2009/2010 school years]	2
AVS 2510	Professional Flight II Theory [2010/11 school year and after]	3
AVS 2520	Professional Flight II Lab [2010/11 school year to November 2023]	3
AVS 2520	Professional Flight II Lab (approved November 2023)	2
AVS 2810	Introduction to Air Traffic Control	3
AVS 3040	Airport Safety and Security [added as of May 2020]	3
AVS 306	Advanced Aerodynamics and Performance [2004/2005 school year and prior]	3
AVS 3060	Advanced Aerodynamics and Performance [2005/2006 school year and after]	3
AVS 307	Advanced Aircraft Systems 2004/2005 school year and prior]	3
AVS 3070	Advanced Aircraft Systems [2005/2006 school year and after]	3
AVS 308	Advanced Aircraft Systems Laboratory [2004/2005 school year and prior]	3
AVS 3080	Advanced Aircraft Systems Laboratory[2005/2006 school year and after]	3
AVS 319	Aviation Legislation [2004/2005 school year and prior]	3
AVS 3190	Aviation Law [2009/10 school year and after]	3
AVS 3190	Aviation Legislation [2005/2006 through 2008/2009 school year]	3
AVS 321	Professional Flight I [2000/2001 school year and prior]	5
AVS 322	Global Navigation and International Flight Planning [2004/2005 school year and prior]	3
AVS 3220	Global Navigation and International Flight Planning [2005/2006 school year and after]	3
AVS 323	Professional Flight II [2000/2001 school year and prior]	5



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Course Number	Course Title	Semester Credits
AVS 325	Professional Flight III [2000/2001 school year and prior]	5
AVS 3290	Aviation Meteorology for Pilots (approved November 2023)	3
AVS 330	Aerobatic Flight [2004/2005 school year and prior]	1
AVS 3300	Aerobatic Flight [2005/2006 school year and after]	1
AVS 332	Single Engine Seaplane [2004/2005 school year and prior]	1
AVS 3320	Single Engine Seaplane [2005/2006 school year and after]	1
AVS 3360	Aircraft Accident Investigation (approved November 2023)	3
AVS 351	Professional Flight II Theory [2001/2002 through 2004/2005 school years]	2
AVS 3510	Professional Flight II Theory [2005/2006 through 2009/2010 school years]	3
AVS 352	Professional Flight II Lab [2001/2002 through 2004/2005 school years]	2
AVS 3520	Professional Flight II Lab [2005/2006 through 2009/2010 school years]	2
AVS 353	Professional Flight III Theory [2001/2002 through 2004/2005 school years]	3
AVS 3530	Professional Flight III Theory [2005/2006 school year and after]	2
AVS 354	Professional Flight III Lab [2001/2002 through 2004/2005 school years]	2
AVS 3540	Professional Flight III Lab [2005/2006 school year and after]	2
AVS 355	Professional Flight IV Theory [2001/2002 through 2004/2005 school years]	2
AVS 3550	Professional Flight IV Theory [2005/2006 school year and after]	2
AVS 356	Professional Flight IV Lab [2001/2002 through 2004/2005 school years]	2
AVS 3560	Professional Flight IV Lab [2005/2006 school year after]	2
AVS 402	Multi-Engine Flight [2004/2005 school year and prior]	1
AVS 4020	Multi-Engine Flight [2005/2006 school year and after]	1
AVS 403	Flight Instructor Fundamentals [2004/2005 school year and prior]	2
AVS 4030	Flight Instructor Fundamentals [2005/2006 school year and after]	2
AVS 404	Instrument Flight Instructing [2004/2005 school year and prior]	1
AVS 4040	Instrument Flight Instructing [2005/2006 school year and after]	1
AVS 406	Flight Instructor Certification [2004/2005 school year and prior]	2
AVS 4060	Flight Instructor Certification [2005/2006 school year and after]	2
AVS 409	Multi-Engine Flight Instructor [2004/2005 school year and prior]	1
AVS 4090	Multi-Engine Flight Instructor [2005/2006 school year and after]	1
AVS 411	Airline Flight Operations [2003/2004 and 2004/2005 school years]	3
AVS 411	Airline Flight Operations [2002/2003 school year and prior]	2
AVS 4110	Airline Flight Operations [2005/2006 school year and after]	3
AVS 412	Line Oriented Flight Crew Simulation [2003/2004 and 2004/2005 school years]	3
AVS 412	Line Oriented Flight Crew Simulation [2002/2003 school year and prior]	2
AVS 4120	Line Oriented Flight Crew Simulation [2005/2006 through 2013/2014]	3



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Course Number	Course Title	Semester Credits
	school years]	
AVS 4120	Line Oriented Flight Crew Simulation [2014/2015 school years and after]	4
AVS 424	Corporate Aviation Management [2004/2005 school year and prior]	3
AVS 4240	Corporate Aviation Management [2005/2006 school year and after]	3
AVS 427	Airline Administration [2003/2004 and 2004/2005 school years]	3
AVS 427	Airline Administration [2002/2003 school year and prior]	2
AVS 4270	Airline Administration (approved November 2023)	3
AVS 4270	Airline Administration [2006/2007 school year to November 2023]	4
AVS 4270	Airline Administration [2005/2006 school year]	3
AVS 430	Jet Orientation [2004/2005 school year and prior]	6
AVS 4300	Jet Equivalent Training [2006/2007 through 2017/2018 school year]	6
AVS 4300	Jet Orientation [2005/2006 school year]	6
AVS 4300	Jet Equivalent Training [added as of May 2020]	5
AVS 497	Special Flight Instruction [2004/2005 school year and prior]	1
AVS 4970	Special Flight Instruction [2005/2006 school year and after]	1
AVS 5100	Safety Management Systems in Aviation [added as of May 2020]	3
GEOG 225	Introduction to Meteorology and Climatology [2004/2005 school year and prior]	4
GEOG 2250	Introduction to Meteorology and Climatology [2005/2006 school year and after]	4

b. In addition to the coursework listed in Table 2, the Institution of Higher Education named in this LOA may apply credit hours transferred from an outside Institution of Higher Education provided all of the following conditions are met:

(1) the transferred courses were completed at an Institution of Higher Education that also received authorization from the FAA to certify its graduates for an ATP certificate with reduced aeronautical experience; and

(2) the transferred courses were authorized by the FAA and listed in Table 2 of the other Institution of Higher Education's LOA; and

(3) the credit hour(s) listed on the transcript may not exceed the credit hours received at the institution from which the student transferred.

6. The graduate must have completed ground and flight training in an approved instrument and commercial course(s) listed in Table 2 in the airplane category from the following FAA-approved Part 141 pilot school(s):

Table 3 - Part 141 Pilot School(s)

Part 141 Pilot School	FAA Certificate No	Main Operations Base City	Main Operations Base State	Current Part 141 Certificate



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Part 141 Pilot School	FAA Certificate No	Main Operations Base City	Main Operations Base State	Current Part 141 Certificate
Western Michigan University	JX8S258Q	Battle Creek	Michigan	Yes

7. The authorization holder must maintain accreditation from the following U.S. Department of Education recognized accrediting agency:

Table 4 - Nationally Accrediting Agency

Nationally Accrediting Agency/School
Higher Learning Commission

8. Pursuant to 14 CFR § 61.169 (b), the FAA may amend, suspend, or rescind this authorization as necessary. Reasons for such actions include, but are not limited to:

- a. Changes in the regulatory basis or other standards upon which this authorization is issued;
- b. The authorization holder fails to meet the requirements of the regulation or established standards pertaining to certification of graduates for an ATP certificate with reduced aeronautical experience; or,
- c. The authorization holder fails to meet the requirements contained in this authorization.

HQ Control: 10/29/2013

HQ Revision: 00e



U.S. Department
of Transportation
**Federal Aviation
Administration**

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This Waiver or Authorization is Issued by the Federal Aviation Administration and approved by direction of the Administrator.

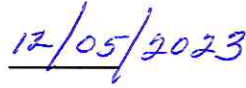


Digitally signed by Everette Rochon Jr., Manager (FS80)
[1] EFFECTIVE DATE: 12/4/2023, [2] AMENDMENT #: 8
DATE: 2023.12.04 09:38:03 -06:00

I hereby accept and receive this Waiver or Authorization.



Thomas C. Grossman, Point of Contact



Date