

COPY

June 23, 2016

Mr. Sean Mosher
Federal Aviation Administration
Flight Standards District Office
4620 Amber Valley Parkway
Fargo, ND 58104

Dear Mr. Mosher,

This letter is to update the list of flight training devices operated by the John D. Odegard School of Aerospace Sciences at the University of North Dakota, including those at our satellite operations.

We request approval for continued use and listed below are the following TCO's that require the use of those flight training devices.

- Private Pilot Airplane - SEL Certification Course
- Chinese Airline Private Pilot Airplane – SEL Certification Course
- Commercial/Instrument Pilot Airplane – SEL
- Commercial/Instrument Pilot Airplane – SMEL
- Chinese Airline Commercial/Instrument Pilot Airplane – MEL
- Flight Instructor Airplane – Single Engine
- Instrument Flight Instructor Certification Course – Airplane

The list of flight training devices conforms to their specific aircraft and that the simulated systems and subsystems function equivalently to those found in the aircraft. Annually, John D. Odegard School of Aerospace Sciences at the University of North Dakota maintains their performance and handling qualities through evaluations performed by our simulator maintenance technicians. There have been no changes or modifications to the flight training devices since their original date of installation and FSDO approval.

Division of Flight Operations

John D. Odegard School of Aerospace Sciences

Flight Operations Administration
2784 Airport Drive Stop 9051
Grand Forks ND 58202-9051
701/777-7848 • FAX 701/777-7897



Here is the list of flight training devices that UND Aerospace operates including those at our satellites.

Frasca 241 Truflite Serial # 10320-001 at Mesa, AZ
Frasca Mentor AATD Serial #MN37 at Mesa, AZ
Frasca 242 Truflite Serial # 9269-001 at Mesa, AZ

Frasca 241 Serial # 5044-003 at Crookston, MN

Frasca 241 Truflite Serial # 8061-001 at Grand Forks
Frasca 241 Truflite Serial # 8062-001 at Grand Forks
Frasca 241 Truflite Serial # 8373-001 at Grand Forks
Frasca 241 Truflite Serial # 8390-001 at Grand Forks
Frasca 241 Truflite Serial # 8392-SH020 at Grand Forks

Frasca 242 Truflite Serial # 9268-001 at Grand Forks
Frasca 242 Truflite Serial # 9951-001 at Grand Forks
Frasca 242 Serial # 11472-001 at Grand Forks

Frasca CRJ-200 Serial # 10515-001 at Grand Forks
Ascent CRJ-200 Serial # SN-FST-2042 at Grand Forks (Level 6)

Sincerely,

John Rudolph
Asst. Chief Flight Instructor
Flight Training Device Manager
John D. Odegard School of Aerospace Sciences
University of North Dakota

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Letter of Authorization
Continued Use of Level 1 Flight Training Devices (FTD)

1. **Authorization.** This Letter of Authorization (LOA) authorizes the part 141 certificate holder in accordance with 14 CFR Section 61.4 (b), continued use of the Level 1 Flight Training Devices (FTD) accepted or approved by the Administrator prior to August 1, 1996, in an FAA-approved flight-training program and/or under CFR Part 61. Table 1 lists the FTD(s) authorized and the limitations and provisions for the continued use of each .

Table 1 - Approved Level 1 FTDs

Serial Number	Make and Model	Standard Authorized Use of FTD	Limitations and Provisions
SF4003-241	Warrior 2000 (CKN)	Section 141.41(b), Flight Training Devices or as limited by Appendices B and C	Per Qualification Letter
SF10320-F241	Frasca C172-FTD (PHX)	Section 141.41(b), Flight Training Devices or as limited by Appendices B and C	Per Qualification Letter
SF9269-F242	Frasca C172-FTD (PHX)	Section 141.41(b), Flight Training Devices or as limited by Appendices B and C	Per Qualification Letter
MN37	Frasca Mentor 172-AATD	Section 141.41(b), Flight Training Devices or as limited by Appendices B and C	Per Qualification Letter
SF8061-F241	Frasca C172-FTD (GFK)	Section 141.41(b), Flight Training Devices or as limited by Appendices B and C	Per Qualification Letter
SF8062-F241	Frasca C172-FTD (GFK)	Section 141.41(b), Flight Training Devices or as limited by Appendices B and C	Per Qualification Letter
SF8373-F241	Frasca C172-FTD (GFK)	Section 141.41(b), Flight Training Devices or as limited by Appendices B and C	Per Qualification Letter
SF8390-F241	Frasca C172-FTD (GFK)	Section 141.41(b), Flight Training Devices or as limited by Appendices B and C	Per Qualification Letter
SF8392-F241	Frasca C172-FTD (GFK)	Section 141.41(b), Flight Training Devices or as limited by Appendices B and C	Per Qualification Letter
SF9268-F242	Frasca PA-44-180-FTD (GFK)	Section 141.41(b), Flight Training Devices or as limited by Appendices B and C	Per Qualification Letter
SF9951-F242	Frasca PA-44-180-FTD (GFK)	Section 141.41(b), Flight Training Devices or as limited by Appendices B and C	Per Qualification Letter
SF11472-F242	Frasca PA-44-180-FTD (GFK)	Section 141.41(b), Flight Training Devices or as limited by Appendices B and C	Per Qualification Letter

2. **Specific Use.** The standard authorized uses that the FTD was originally designed for with sufficient features for use in accordance with 14 CFR Part 61 and/or 141 and any limitations and provisions of the approved FTDs are listed in Table 1 above. These may include any or all the following which must be selected for authorization in Table 1 above:

- a. Section 61.57(c)(1), Instrument Experience (Simulated);
- b. Section 61.57(d), Instrument Proficiency Check (Excludes Recovery From Unusual Attitudes, Circling Approach, and Landing From Straight-in or Circling);
- c. Section 61.65(e)(2), Instrument Rating: Maximum 20 Hours;
- d. Section 61.65(a)(8)(ii), Instrument Rating: Practical Test (One precision & One Non-

14 CFR Part 141 Pilot Schools

precision Approach);

- e. Section 61.129(i)(1)(i), Commercial Pilot Certificate: Maximum 50 Hours;
- f. Section 61.159(a)(3)(i), Airline Transport Pilot Certificate: Maximum 25 hours;
- g. Section 141.41(b), Flight Training Devices or as limited by Appendices B and C.

3. Instruction in the FTDs must be given by an authorized instructor who has demonstrated competency in the operations and use of the FTD as authorized in Table 1 above.

4. Expiration. The authorization is valid until modified or rescinded by the FAA, and provided the certificate holder submits an annual report regarding its status and continued use to the jurisdictional Flight Standards District Office. The FAA may perform periodic evaluations of the device(s) to ensure that its ability to perform its authorized and intended use has not deteriorated. The annual report is due: .

5. References.

- a. Flight Training Devices (FTD) Level 1: Order 8700.1 Volume 2, Chapter 34, Section 2, Paragraph 5, Figure 34-1.
- b. Continued Use of Flight Training Devices Level 1: 14 CFR Section 61.4(b) and Order 8700.1, Chapter 34, Accept/Approve Flight Training Devices And Certain Other Devices Previously Authorized For Use.
- c. AC 120-45A - Airplane Flight Training Device Qualification.
- d. HBGA 99-06 Reporting Qualification and Approval of Flight Training Devices Levels 1 through 5.
- e. HBGA 99-15 Letter of Authorization for Continued Use of Level 1 Flight Training devices in Accordance with 14 CFR Section 61.4 (b).

HQ Control: 06/09/2006

HQ Revision: 000

1. The Certificate Holder applies for the Training Specifications in this paragraph.
2. These Training Specifications are approved by direction of the Administrator.



Digitally signed by Kern S Mosher, Principal Operations Inspector (GL21)
[1] EFFECTIVE DATE: 1/5/2017, [2] AMENDMENT #: 0
DATE: 2017.01.05 11:02:48 -06:00

3. I hereby accept and receive the Training Specifications in this paragraph.

Schultz, Dick, Director of Operations

Date