



## Cessna 152 Annual Checkout

March 2005

This checkout worksheet is required to be completed prior to the start of the ground portion of the EHFC Annual Checkout with an EHFC instructor. After satisfactory completion of this worksheet and the required flight time with an EHFC instructor, you will be entitled to fly EHFC's C-152 under **day VFR**. You may find that a C-152 Pilot Information Manual (PIM), EHFC Rules of Operation, current Northeast Airport/Facility Directory and a current FAR/AIM will help you complete this worksheet.

Name: \_\_\_\_\_ Date: \_\_\_\_\_

CFI: \_\_\_\_\_

### Aircraft

#### V-Speeds:

V<sub>X</sub>: \_\_\_\_\_

V<sub>y</sub>: \_\_\_\_\_

V<sub>FE</sub>: \_\_\_\_\_

V<sub>SO</sub>: \_\_\_\_\_

V<sub>S</sub>: \_\_\_\_\_

V<sub>NE</sub>: \_\_\_\_\_

V<sub>NO</sub>: \_\_\_\_\_

Best Glide: \_\_\_\_\_

V<sub>A</sub>: \_\_\_\_\_

Is V<sub>A</sub> a fixed speed, or does it change? Explain. \_\_\_\_\_

\_\_\_\_\_

Can we lower the flaps above V<sub>FE</sub>? Explain. \_\_\_\_\_

\_\_\_\_\_

#### Aircraft Systems:

What grade of fuel can we put in the C-152? What color(s) are associated with the fuel?

\_\_\_\_\_

How much fuel do EHFC's C-152s hold? How much is usable? How much is unusable?

\_\_\_\_\_

How many fuel sumps/fuel drains are on the C-152? Where are they located? \_\_\_\_\_

\_\_\_\_\_

How much does a gallon of 100LL weight? \_\_\_\_\_

What type of electrical system does the C-152 have? \_\_\_\_\_

\_\_\_\_\_

If you have an electrical failure, what will be affected? Will your engine continue to operate? \_\_\_\_\_  
\_\_\_\_\_

What type of oil do we put in EHFC aircraft? What is the minimum and maximum oil for EHFC's C-152? \_\_\_\_\_  
\_\_\_\_\_

What does the hydraulic system operate on the C-152? \_\_\_\_\_

What procedure is used for an electrical overvoltage indication in the C-152? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

When is carburetor icing most likely to occur? How is it prevented? What do you do if you suspect you have carb icing? \_\_\_\_\_  
\_\_\_\_\_

**Performance:**

Explain endurance. What is the endurance and approx. GPH for N6230Q with full fuel at 65% power on a standard day at 6500 feet MSL? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

What are the different leaning procedures and how are they achieved? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Given the following criteria for the C-152:

Aircraft Weight:	1170 lbs
Arm:	29.96
Moment:	35075
Fuel	18 gal
Front Passengers	340 lbs
Rear Cargo	50 lbs

What is the aircraft's ramp weight? \_\_\_\_\_

What is the aircraft's take-off weight? \_\_\_\_\_

What is the aircraft's CG at take-off? \_\_\_\_\_

Where can we find out cruise power setting? What is your RPM setting at 65% at 4500 feet? \_\_\_\_\_  
\_\_\_\_\_

You just completed a two hour flight, at 65% power, standard day conditions and best economy. What is your landing weight and CG? \_\_\_\_\_  
\_\_\_\_\_

What are you take-off and landing distances? \_\_\_\_\_

What are the requirements to remain current as a pilot according to the FAA? EHFC?

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What are the requirements to carry passengers for a day VFR flight according to the FAA? Does EHFC have policies regarding carriage of passengers? \_\_\_\_\_

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What is the WINGS Program? What does it count towards? Can the WINGS Program requirements to fulfilled at EHFC? \_\_\_\_\_

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According to EHFC's Rules of Operation, when is a night checkout required? Sunset at KITH is at 1830 Local Time. What is the latest you can return without a night checkout?

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What type of airspace is KITH? \_\_\_\_\_

What are the basic FAA VFR weather minimums for KITH? What are EHFC's weather minimums for a VFR flight departing KITH? \_\_\_\_\_

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What is Special VFR (SVFR)? What are the requirements for SVFR? What are the EHFC rules regarding SVFR? \_\_\_\_\_

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List the following frequencies used at KITH and the agency name:

	<u>Frequency</u>	<u>Agency Name</u>
Ground	_____	_____
Tower	_____	_____
App/Dep	_____	_____
FSS	_____	_____
Emergency	_____	N/A
VOR	_____	N/A

Your sister-in-law's, third cousin, twice removed, is a CFI in Rochester. You want a BFR from her in an EHFC aircraft. Can you do this? \_\_\_\_\_

A co-worker of yours has a private grass runway, and he wants you to fly there so you can see it. Can you land an EHFC aircraft on that grass strip? \_\_\_\_\_

When at KITH, when do we fuel EHFC aircraft? What is the minimum amount of fuel you can take off with according to EHFC Rules of Operation? \_\_\_\_\_

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You took a trip to KBUF and want to purchase fuel before returning back to KITH. What is EHFC's policy on purchasing fuel outside of KITH? \_\_\_\_\_

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How are EHFC aircraft dispatched and checked-in. What items are found on the dispatch sheet? \_\_\_\_\_

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You have an inoperative landing light, can we still go fly on a day VFR flight? Explain. If you do have an inoperative item on your aircraft, what must be done before you can legally go flying? \_\_\_\_\_

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What is LAHSO? Can you accept a LAHSO instruction? Identify an airport that could have LAHSO operations in affect. \_\_\_\_\_

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How often is a checkout required at EHFC? Does a C-152 checkout at EHFC count as an automatic checkout in a C-172? \_\_\_\_\_

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Where is the Airquest hanger located? \_\_\_\_\_

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A student pilot wants to go on a solo flight to the north practice area. There is no wind and a clear, blue sky. He asks if you can give him the key to his airplane. Can you do this? Explain. \_\_\_\_\_

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List the tail numbers of EHFC's C-152. \_\_\_\_\_

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What is an ADIZ? Where are they found? What are the procedures for flights within the ADIZ? \_\_\_\_\_

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What is a TFR? How big are TFRs? Can TFRs be moving? \_\_\_\_\_

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According to EHFC Rules of Operation, when must a VFR Flight Plan be filed? \_\_\_\_\_

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What is the demonstrated cross wind component of the C-152? What is your own personal maximum cross wind? \_\_\_\_\_

Using the following METAR and TAF:

KITH 202356Z 33006KT 1/8SM FG VV001 01/01 A2995

KITH 210010Z 210024 32004KT 1SM BR OVC006  
TEMPO 0004 1/4SM -SHRASN OVC001  
FM0500 32004KT 1SM -SHSN OVC008  
TEMPO 0509 3/4SM -SHSN BR OVC002  
FM1500 32007KT P6SM OVC015  
FM2000 32007KT P6SM OVC030

KMSP 202353Z 08009KT 10SM FEW150 SCT200 03/M07 A3  
RMK AO2 SLP229 4/002 T00281067 10033 20011 56006

KMSP 202320Z 210024 08005KT P6SM SCT100 BKN200  
FM0400 08007KT P6SM SCT090 BKN250  
TEMPO 0408 BKN090  
FM1400 08009KT P6SM SCT040 BKN100

What is the definition of a ceiling? What is the ceiling at KITH? KMSP? \_\_\_\_\_

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What are the winds at KITH? Is wind direction relative to true north or magnetic north? \_\_\_\_\_

When are TAFs issued? How good are they good for? When was the KMSP TAF issued? \_\_\_\_\_

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What does -SHRASN mean in the KITH TAF? \_\_\_\_\_

What does RMK mean in the KMSP METAR? What does A02 mean? \_\_\_\_\_

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