**OXFORD FLYING CLUB**

**Aircraft Check-Out Cessna 172**

Pilot’s Name Certificate number

BFR date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Medical Class Medical Date

Ratings

Flying time: total last 90 days

Aircraft Make & Model

FUEL:

Total Capacity gal. Total Usable gal.

Usable Each Tank gal. Range in hours

Quantity at Tabs gal. Minimum Fuel Grade

Location of Drains

Color

OIL:

Max. Capacity quarts Minimum for Engine Operation quarts

Normal Quantity quarts Oil Grade /Type

WEIGHT & BALANCE:

Max. T/OGross Weight A/C Empty Weight

Max. Payload with Full Fuel Max. Landing Weight

Max. Fuel with 170 Pound Occupant in Each Seat gal.

C. G. Range

SPEEDS:

Va - Maneuvering Speed Vx - Best Angle

Vy - Best Rate Vfe - Flaps Extended

Vie - Landing Gear Extended Vlo - Landing Gear Operating

Vne - Never Exceed (Red Line) Vno - Max. Rough Air Speed

Vso - Stall Speed Landing Configuration

Vs1 - Stall Speed Flaps Up Normal Climb Speed

Normal Approach Speed Best Glide Speed

*SHORT* FIELD TAKE-OFF:

Flaps Rotate

Climb @ Until Clear of Obstacle

*SHORT* FIELD LANDING:

Flaps Approach @

After Touchdown: Flaps Brakes

**SOFT** FIELD TAKE-OFF:

Flaps Technique

**SOFT** FIELD LANDING:

Flaps Technique

POWER SETTINGS:

Takeoff Climb

Cruise @ 65% Power, 7500 Feet Standard Temperature:

Manifold Pressure RPM

Fuel Flow TAS

TAKE-OFF DISTANCE (NO WIND):

Max. Gross Wt., Sea Level, Std Temp., Normal T/OFlaps

Max. Gross Wt., 5000 Ft., 100°, 50 Ft. Obstacle, Optimum Flaps

LANDING DISTANCE (NO WIND):

Max. Landing Wt., 1000 Ft. Std. Temp, Full Flaps

What is the minimum runway length, no wind, max. gross weight, at sea level, (standard conditions) for takeoff?

For landing?

How do you detect carburetor/induction Ice?

In the Event of carburetor/induction Ice, What Do You Do?

?

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How Do You Detect a Generator/Alternator Malfunction?

What is the generator/alternator output in AMPS?

What is the Source of Hot Air for Cabin Heating?

Describe the Go-Around Procedure?

When Must Your Passengers Wear Their Seatbelts?

What Inspections Are Required For This Aircraft?

What Documents Must Be On Board During Flight?

Practical and Oral Examination

Knowledge of Pilot's Handbook

Knowledge of Operating Limitations

Knowledge of Fuel, Electrical, And Hydraulic Systems

Knowledge of Weight And Balance Computations

Knowledge of Emergency Procedures

Knowledge of Radio Procedures And Phraseology

Knowledge of Radio Equipment

Knowledge of Federal Aviation Regulation Part 91

Knowledge of Local Flying Regulations

Knowledge of Weather Facilities And Weather Reports Practice Area And Airports To Be Used

Checked Out For:

OFC-AIC

Check-Out completed by:

Instructor

Date