

## HSU AVIATION VFR NAVIGATION LOG

Name: \_\_\_\_\_ Lab: \_\_\_\_\_ Lesson: \_\_\_\_\_ Aircraft : \_\_\_\_\_

Notes: \_\_\_\_\_

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\_\_\_\_\_

|  |           |               |                |
|--|-----------|---------------|----------------|
|  | Burn Rate | Burn-out Time | Time on-ground |
|  |           |               |                |

| Check Points<br>(Fixes) | VOR   | Course<br>(Route) | Altitude | Wind  |      | CAS | TC | TH | MH | CH | Dist            | GS               | Time Off |     | Gallons   | Airport & ATIS Information |             |                     |
|-------------------------|-------|-------------------|----------|-------|------|-----|----|----|----|----|-----------------|------------------|----------|-----|-----------|----------------------------|-------------|---------------------|
|                         | Ident |                   |          | Dir.  | Vel. |     |    |    |    |    | Leg             | Est.             |          |     | Departure |                            | Destination |                     |
|                         | Freq. |                   |          | Temp. |      | TAS |    |    |    |    | -L<br>+R<br>WCA | -E<br>+W<br>Var. | ±Dev.    | Rem | Act.      | ETE                        | ETA         | Burned              |
|                         |       |                   |          |       |      |     |    |    |    |    |                 |                  |          |     |           |                            |             | Ceiling             |
|                         |       |                   |          |       |      |     |    |    |    |    |                 |                  |          |     |           |                            |             | Visibility          |
|                         |       |                   |          |       |      |     |    |    |    |    |                 |                  |          |     |           |                            |             | Wind                |
|                         |       |                   |          |       |      |     |    |    |    |    |                 |                  |          |     |           |                            |             | Altimeter           |
|                         |       |                   |          |       |      |     |    |    |    |    |                 |                  |          |     |           |                            |             | Approach            |
|                         |       |                   |          |       |      |     |    |    |    |    |                 |                  |          |     |           |                            |             | Runway              |
|                         |       |                   |          |       |      |     |    |    |    |    |                 |                  |          |     |           |                            |             | Time Check          |
|                         |       |                   |          |       |      |     |    |    |    |    |                 |                  |          |     |           |                            |             | Airport Frequencies |
|                         |       |                   |          |       |      |     |    |    |    |    |                 |                  |          |     |           |                            |             | Departure           |
|                         |       |                   |          |       |      |     |    |    |    |    |                 |                  |          |     |           |                            |             | Destination         |
|                         |       |                   |          |       |      |     |    |    |    |    |                 |                  |          |     |           |                            |             | ATIS                |
|                         |       |                   |          |       |      |     |    |    |    |    |                 |                  |          |     |           |                            |             | ATIS                |
|                         |       |                   |          |       |      |     |    |    |    |    |                 |                  |          |     |           |                            |             | C.D.                |
|                         |       |                   |          |       |      |     |    |    |    |    |                 |                  |          |     |           |                            |             | GND                 |
|                         |       |                   |          |       |      |     |    |    |    |    |                 |                  |          |     |           |                            |             | APR                 |
|                         |       |                   |          |       |      |     |    |    |    |    |                 |                  |          |     |           |                            |             | TWR                 |
|                         |       |                   |          |       |      |     |    |    |    |    |                 |                  |          |     |           |                            |             | TWR                 |
|                         |       |                   |          |       |      |     |    |    |    |    |                 |                  |          |     |           |                            |             | DEP                 |
|                         |       |                   |          |       |      |     |    |    |    |    |                 |                  |          |     |           |                            |             | GND                 |
|                         |       |                   |          |       |      |     |    |    |    |    |                 |                  |          |     |           |                            |             | FSS                 |
|                         |       |                   |          |       |      |     |    |    |    |    |                 |                  |          |     |           |                            |             | FSS                 |
|                         |       |                   |          |       |      |     |    |    |    |    |                 |                  |          |     |           |                            |             | UNI                 |
|                         |       |                   |          |       |      |     |    |    |    |    |                 |                  |          |     |           |                            |             | UNI                 |
|                         |       |                   |          |       |      |     |    |    |    |    |                 |                  |          |     |           |                            |             | Field Elev.         |
|                         |       |                   |          |       |      |     |    |    |    |    |                 |                  |          |     |           |                            |             | Field Elev.         |
|                         |       |                   |          |       |      |     |    |    |    |    |                 |                  |          |     |           |                            |             | → Fly Safe →        |
|                         |       |                   |          |       |      |     |    |    |    |    |                 |                  |          |     |           |                            |             | Totals ▶            |

## WEATHER LOG

|             | Ceiling, Visibility, WX |          | Winds Aloft | Icing & Freezing Level | Turbulence & Cloud Tops | Position of Fronts, Lows, and Highs |
|-------------|-------------------------|----------|-------------|------------------------|-------------------------|-------------------------------------|
|             | Reported                | Forecast |             |                        |                         |                                     |
| Departure   |                         |          |             |                        |                         |                                     |
| En Route    |                         |          |             |                        |                         |                                     |
| Destination |                         |          |             |                        |                         |                                     |
| Alternate   |                         |          |             |                        |                         |                                     |

## FLIGHT PLAN

Notes and NOTAMS

| FLIGHT PLAN   |          |                            |  |   |                    |   | Notes and NOTAMS |  |         |               |               |  |                |          |      |     |         |               |               |   |  |  |  |  |  |  |
|---|----------|----------------------------|--|---|--------------------|---|------------------|--|---------|---------------|---------------|--|----------------|----------|------|-----|---------|---------------|---------------|---|--|--|--|--|--|--|
| 1.  | TYPE     | 2. AIRCRAFT IDENTIFICATION | 3. AIRCRAFT TYPE / SPECIAL EQUIPMENT   | 4. TRUE AIRSPEED  | 5. DEPARTURE POINT | 6. DEPARTURE TIME   |                  | 7. CRUISING ALTITUDE   |         |               |               |  |                |          |      |     |         |               |               |   |  |  |  |  |  |  |
|   | VFR      |                            |  |   |                    | PROPOSED(Z)   | ACTUAL(Z)        |  |         |               |               |  |                |          |      |     |         |               |               |   |  |  |  |  |  |  |
|   | IFR      |                            |  |   |                    |   |                  |  |         |               |               |  |                |          |      |     |         |               |               |   |  |  |  |  |  |  |
|   | DVFR     |                            |  |   |                    | KNOTS   |                  |  |         |               |               |  |                |          |      |     |         |               |               |   |  |  |  |  |  |  |
| 8. ROUTE OF FLIGHT  |          |                            |  |   |                    |   |                  |  |         |               |               |  |                |          |      |     |         |               |               |   |  |  |  |  |  |  |
| 9. DESTINATION (Name of airport and city)   |          |                            | 10. EST. TIME EN ROUTE   |   | 11. REMARKS        |   |                  |  |         |               |               |  |                |          |      |     |         |               |               |   |  |  |  |  |  |  |
|   |          |                            | HOURS  | MINUTES   |                    |   |                  |  |         |               |               |  |                |          |      |     |         |               |               |   |  |  |  |  |  |  |
| 12. FUEL ON BOARD   |          | 13. ALTERNATE AIRPORT(S)   |  | 14. PILOT'S NAME, ADDRESS, TELEPHONE NO. AND AIRCRAFT HOME BASE |                    |   | 15. NO. ABOARD   |  |         |               |               |  |                |          |      |     |         |               |               |   |  |  |  |  |  |  |
| HOURS   | MINUTES  |                            |  |   |                    |   |                  |  |         |               |               |  |                |          |      |     |         |               |               |   |  |  |  |  |  |  |
| 16. COLOR OF AIRCRAFT   |          |                            |  | <b>CLOSE VFR FLIGHT PLAN WITH _____ FSS ON ARRIVAL</b>          |                    |   |                  |  |         |               |               |  |                |          |      |     |         |               |               |   |  |  |  |  |  |  |
| <b>SPECIAL EQUIPMENT SUFFIX</b>   |          |                            | /G- Global Navigation Satellite System (GNSS), including GPS or WAAS, with enroute and terminal capability.<br>/R- RNP (Required Navigational Performance) |   |                    | /T- Transponder with no altitude encoding<br>/U- Transponder with altitude encoding<br>/X- No transponder |                  | <b>Position Report</b>   |         |               |               |  |                |          |      |     |         |               |               |   |  |  |  |  |  |  |
| /A- DME, transponder with altitude encoding   |          |                            |  |   |                    |   |                  | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">Aircraft Ident</th> <th style="width: 10%;">Position</th> <th style="width: 10%;">Time</th> <th style="width: 10%;">Alt</th> <th style="width: 10%;">IFR/VFR</th> <th style="width: 10%;">Est. Next Fix</th> <th style="width: 10%;">Name Next Fix</th> </tr> <tr> <td colspan="7">Report conditions aloft – cloud tops, bases, layers, visibility, turbulence, haze, ice, thunderstorms</td> </tr> </table> |         |               |               |  | Aircraft Ident | Position | Time | Alt | IFR/VFR | Est. Next Fix | Name Next Fix | Report conditions aloft – cloud tops, bases, layers, visibility, turbulence, haze, ice, thunderstorms |  |  |  |  |  |  |
| Aircraft Ident  | Position | Time                       |  |   |                    |   |                  | Alt  | IFR/VFR | Est. Next Fix | Name Next Fix |  |                |          |      |     |         |               |               |   |  |  |  |  |  |  |
| Report conditions aloft – cloud tops, bases, layers, visibility, turbulence, haze, ice, thunderstorms   |          |                            |  |   |                    |   |                  |  |         |               |               |  |                |          |      |     |         |               |               |   |  |  |  |  |  |  |
| /B- DME, transponder with no altitude encoding  |          |                            |  |   |                    |   |                  |  |         |               |               |  |                |          |      |     |         |               |               |   |  |  |  |  |  |  |
| /D- DME, no transponder   |          |                            |  |   |                    |   |                  |  |         |               |               |  |                |          |      |     |         |               |               |   |  |  |  |  |  |  |
| <b>PIREP FORMAT:</b>  |          |                            |  |   |                    |   |                  |  |         |               |               |  |                |          |      |     |         |               |               |   |  |  |  |  |  |  |
| /UA or UUA (Type-Regular or Severe) /OV (Aircraft Position) /TM (Time) /FL (Altitude) /TP (Aircraft Type) /SK (Sky Cover) /WX (Weather) /TA (Temperature) /WV (Wind) /TB (Turbulence) /IC (Icing) /RM (Remarks) |          |                            |  |   |                    |   |                  |  |         |               |               |  |                |          |      |     |         |               |               |   |  |  |  |  |  |  |