

## Friction Measure Report

| THOUGH WOODGI'C TOPOLE |                   |                 |        |  |  |  |  |
|------------------------|-------------------|-----------------|--------|--|--|--|--|
| Configuration          | AEP RWY31 L5      | Tyre Type       | ASTM   |  |  |  |  |
| Date and Time          | 24-02-28 10:18:56 | Tyre Pressure   | 2.1    |  |  |  |  |
| Туре                   | ICAO              | Water Film      | ON     |  |  |  |  |
| Equipment              | SFT0161           | Average Speed   | 65     |  |  |  |  |
| Pilot                  | SUPER             | System Distance | 2191.7 |  |  |  |  |
| Ice Level              | 0                 |                 |        |  |  |  |  |
| Runway Length          | 2100              |                 |        |  |  |  |  |
| Location               | ASFT              |                 |        |  |  |  |  |

## Results

| Runway | Fric. A | Fric. B | Fric. C | Fric.Max | Fric.Min | Fric avg | T. surface | T. air | Ice   |
|--------|---------|---------|---------|----------|----------|----------|------------|--------|-------|
| RWY01  | 0.69µ   | 0.74µ   | 0.78µ   | 0.87µ    | 0.34µ    | 0.74µ    |            |        | 0.00% |
|        |         |         |         |          |          |          |            |        |       |
|        |         |         |         |          |          |          |            |        |       |
|        |         |         |         |          |          |          |            |        |       |
|        |         |         |         |          |          |          |            |        |       |
|        |         |         |         |          |          |          |            |        |       |
|        |         |         |         |          |          |          |            |        |       |
|        |         |         |         |          |          |          |            |        |       |
|        |         |         |         |          |          |          |            |        |       |
|        |         |         |         |          |          |          |            |        |       |
|        |         |         |         |          |          |          |            |        |       |
|        |         |         |         |          |          |          |            |        |       |

## Results Summary

| RW  | Fric. A | Fric. B | Fric. C | Fric.Max | Fric.Min | T. surface | T. air | Ice   | Fric AVG |
|-----|---------|---------|---------|----------|----------|------------|--------|-------|----------|
| all | 0.69µ   | 0.74µ   | 0.78µ   | 0.87µ    | 0.34µ    |            | -      | 0.00% | 0.74μ    |



## Graphs



Measure No 1

| RW1      | Lap1     |       |            |               |        |  |
|----------|----------|-------|------------|---------------|--------|--|
| Distance | Friction | Speed | Tmp Air °C | Tmp Gnd<br>°C | Remark |  |
| 10       | 0.87     | 58    |            |               |        |  |
| 20       | 0.73     | 59    |            |               |        |  |
| 30       | 0.75     | 61    |            |               |        |  |
| 40       | 0.71     | 63    |            |               |        |  |
| 50       | 0.66     | 65    |            |               |        |  |



| 60  | 0.75 | 65 | <br> |  |
|-----|------|----|------|--|
| 70  | 0.75 | 64 | <br> |  |
| 80  | 0.70 | 64 | <br> |  |
| 90  | 0.70 | 64 | <br> |  |
| 100 | 0.70 | 65 | <br> |  |
| 110 | 0.73 | 65 | <br> |  |
| 120 | 0.73 | 65 | <br> |  |
| 130 | 0.71 | 65 | <br> |  |
| 140 | 0.74 | 65 | <br> |  |
| 150 | 0.73 | 65 | <br> |  |
| 160 | 0.69 | 65 | <br> |  |
| 170 | 0.73 | 65 | <br> |  |
| 180 | 0.74 | 65 | <br> |  |
| 190 | 0.75 | 65 | <br> |  |
| 200 | 0.74 | 65 | <br> |  |
| 210 | 0.67 | 64 | <br> |  |
| 220 | 0.57 | 64 | <br> |  |
| 230 | 0.45 | 64 | <br> |  |
| 240 | 0.44 | 64 | <br> |  |
| 250 | 0.58 | 64 | <br> |  |
| 260 | 0.75 | 64 | <br> |  |
| 270 | 0.72 | 64 | <br> |  |
| 280 | 0.77 | 64 | <br> |  |
| 290 | 0.77 | 64 | <br> |  |
| 300 | 0.74 | 64 | <br> |  |
| 310 | 0.76 | 64 | <br> |  |
| 320 | 0.75 | 64 | <br> |  |
| 330 | 0.76 | 64 | <br> |  |
| 340 | 0.76 | 64 | <br> |  |
| 350 | 0.71 | 64 | <br> |  |
| 360 | 0.71 | 64 | <br> |  |
| 370 | 0.56 | 64 | <br> |  |
| 380 | 0.71 | 64 | <br> |  |
| 390 | 0.78 | 64 | <br> |  |
|     |      |    |      |  |



| 400 | 0.77 | 64 | <br> |  |
|-----|------|----|------|--|
| 410 | 0.76 | 64 | <br> |  |
| 420 | 0.77 | 64 | <br> |  |
| 430 | 0.76 | 64 | <br> |  |
| 440 | 0.77 | 64 | <br> |  |
| 450 | 0.79 | 65 | <br> |  |
| 460 | 0.78 | 65 | <br> |  |
| 470 | 0.79 | 65 | <br> |  |
| 480 | 0.77 | 65 | <br> |  |
| 490 | 0.72 | 65 | <br> |  |
| 500 | 0.74 | 65 | <br> |  |
| 510 | 0.74 | 65 | <br> |  |
| 520 | 0.75 | 65 | <br> |  |
| 530 | 0.44 | 64 | <br> |  |
| 540 | 0.34 | 64 | <br> |  |
| 550 | 0.38 | 64 | <br> |  |
| 560 | 0.38 | 64 | <br> |  |
| 570 | 0.39 | 64 | <br> |  |
| 580 | 0.37 | 64 | <br> |  |
| 590 | 0.60 | 65 | <br> |  |
| 600 | 0.70 | 65 | <br> |  |
| 610 | 0.67 | 65 | <br> |  |
| 620 | 0.71 | 65 | <br> |  |
| 630 | 0.73 | 65 | <br> |  |
| 640 | 0.76 | 65 | <br> |  |
| 650 | 0.77 | 65 | <br> |  |
| 660 | 0.76 | 65 | <br> |  |
| 670 | 0.75 | 65 | <br> |  |
| 680 | 0.72 | 65 | <br> |  |
| 690 | 0.76 | 65 | <br> |  |
| 700 | 0.79 | 65 | <br> |  |
| 710 | 0.77 | 65 | <br> |  |
| 720 | 0.75 | 65 | <br> |  |
| 730 | 0.78 | 65 | <br> |  |
|     |      |    |      |  |



| 0.76 | 65  |   |  |   |   |
|------|---|---|--|---|---|
| 0.75 | 65  |   |  |   |   |
| 0.76 | 65  |   |  |   |   |
| 0.72 | 65  |   |  |   |   |
| 0.73 | 65  |   |  |   |   |
| 0.74 | 65  |   |  |   |   |
| 0.77 | 65  |   |  |   |   |
| 0.76 | 65  |   |  |   |   |
| 0.74 | 65  |   |  |   |   |
| 0.75 | 65  |   |  |   |   |
| 0.72 | 65  |   |  |   |   |
| 0.68 | 65  |   |  |   |   |
| 0.68 | 65  |   |  |   |   |
| 0.70 | 65  |   |  |   |   |
| 0.66 | 65  |   |  |   |   |
| 0.66 | 65  |   |  |   |   |
| 0.69 | 65  |   |  |   |   |
| 0.71 | 65  |   |  |   |   |
| 0.69 | 65  |   |  |   |   |
| 0.67 | 65  |   |  |   |   |
| 0.73 | 65  |   |  |   |   |
| 0.73 | 65  |   |  |   |   |
| 0.72 | 65  |   |  |   |   |
| 0.73 | 65  |   |  |   |   |
| 0.73 | 65  |   |  |   |   |
| 0.70 | 65  |   |  |   |   |
| 0.73 | 65  |   |  |   |   |
| 0.73 | 65  |   |  |   |   |
| 0.74 | 65  |   |  |   |   |
| 0.75 | 65  |   |  |   |   |
| 0.73 | 65  |   |  |   |   |
| 0.76 | 65  |   |  |   |   |
| 0.79 | 65  |   |  |   |   |
|      | 0.76 0.72 0.73 0.74 0.77 0.76 0.74 0.75 0.72 0.68 0.68 0.70 0.66 0.69 0.71 0.69 0.67 0.73 0.73 0.73 0.72 0.73 0.73 0.73 0.70 0.73 0.73 0.70 0.73 0.73 | 0.76       65         0.75       65         0.76       65         0.72       65         0.73       65         0.74       65         0.76       65         0.75       65         0.72       65         0.68       65         0.68       65         0.69       65         0.69       65         0.71       65         0.69       65         0.73       65         0.73       65         0.73       65         0.73       65         0.73       65         0.73       65         0.73       65         0.73       65         0.73       65         0.74       65         0.75       65         0.76       65 | 0.76       65          0.75       65          0.76       65          0.72       65          0.73       65          0.74       65          0.76       65          0.76       65          0.76       65          0.75       65          0.72       65          0.68       65          0.68       65          0.68       65          0.69       65          0.69       65          0.69       65          0.73       65          0.73       65          0.73       65          0.73       65          0.73       65          0.74       65          0.75       65          0.74       65          0.75       65          0.76       65 <td>0.76       65           0.75       65           0.76       65           0.72       65           0.73       65           0.74       65           0.76       65           0.76       65           0.74       65           0.75       65           0.72       65           0.68       65           0.68       65           0.70       65           0.66       65           0.66       65           0.69       65           0.71       65           0.73       65           0.73       65           0.73       65           0.73       65       <td>0.76       65           0.75       65           0.72       65           0.73       65           0.74       65           0.76       65           0.74       65           0.75       65           0.72       65           0.68       65           0.68       65           0.69       65           0.69       65           0.71       65           0.73       65           0.73       65           0.73       65           0.73       65           0.73       65           0.73       65           0.73       65           0.73       65       </td></td> | 0.76       65           0.75       65           0.76       65           0.72       65           0.73       65           0.74       65           0.76       65           0.76       65           0.74       65           0.75       65           0.72       65           0.68       65           0.68       65           0.70       65           0.66       65           0.66       65           0.69       65           0.71       65           0.73       65           0.73       65           0.73       65           0.73       65 <td>0.76       65           0.75       65           0.72       65           0.73       65           0.74       65           0.76       65           0.74       65           0.75       65           0.72       65           0.68       65           0.68       65           0.69       65           0.69       65           0.71       65           0.73       65           0.73       65           0.73       65           0.73       65           0.73       65           0.73       65           0.73       65           0.73       65       </td> | 0.76       65           0.75       65           0.72       65           0.73       65           0.74       65           0.76       65           0.74       65           0.75       65           0.72       65           0.68       65           0.68       65           0.69       65           0.69       65           0.71       65           0.73       65           0.73       65           0.73       65           0.73       65           0.73       65           0.73       65           0.73       65           0.73       65 |



| 1080 | 0.79 | 65 | <br> |  |
|------|------|----|------|--|
| 1090 | 0.76 | 65 | <br> |  |
| 1100 | 0.76 | 65 | <br> |  |
| 1110 | 0.76 | 65 | <br> |  |
| 1120 | 0.78 | 65 | <br> |  |
| 1130 | 0.82 | 65 | <br> |  |
| 1140 | 0.71 | 65 | <br> |  |
| 1150 | 0.70 | 65 | <br> |  |
| 1160 | 0.69 | 65 | <br> |  |
| 1170 | 0.74 | 65 | <br> |  |
| 1180 | 0.74 | 65 | <br> |  |
| 1190 | 0.76 | 65 | <br> |  |
| 1200 | 0.76 | 65 | <br> |  |
| 1210 | 0.81 | 65 | <br> |  |
| 1220 | 0.79 | 65 | <br> |  |
| 1230 | 0.75 | 65 | <br> |  |
| 1240 | 0.77 | 65 | <br> |  |
| 1250 | 0.80 | 65 | <br> |  |
| 1260 | 0.79 | 65 | <br> |  |
| 1270 | 0.76 | 65 | <br> |  |
| 1280 | 0.78 | 65 | <br> |  |
| 1290 | 0.75 | 65 | <br> |  |
| 1300 | 0.72 | 65 | <br> |  |
| 1310 | 0.73 | 65 | <br> |  |
| 1320 | 0.74 | 65 | <br> |  |
| 1330 | 0.72 | 65 | <br> |  |
| 1340 | 0.77 | 65 | <br> |  |
| 1350 | 0.74 | 65 | <br> |  |
| 1360 | 0.70 | 65 | <br> |  |
| 1370 | 0.74 | 65 | <br> |  |
| 1380 | 0.76 | 65 | <br> |  |
| 1390 | 0.77 | 65 | <br> |  |
| 1400 | 0.77 | 65 | <br> |  |
| 1410 | 0.75 | 65 | <br> |  |



| 1420 | 0.73 | 65 | <br> |  |
|------|------|----|------|--|
| 1430 | 0.74 | 65 | <br> |  |
| 1440 | 0.73 | 65 | <br> |  |
| 1450 | 0.77 | 65 | <br> |  |
| 1460 | 0.81 | 65 | <br> |  |
| 1470 | 0.77 | 65 | <br> |  |
| 1480 | 0.75 | 65 | <br> |  |
| 1490 | 0.75 | 65 | <br> |  |
| 1500 | 0.79 | 65 | <br> |  |
| 1510 | 0.84 | 65 | <br> |  |
| 1520 | 0.81 | 65 | <br> |  |
| 1530 | 0.78 | 65 | <br> |  |
| 1540 | 0.80 | 65 | <br> |  |
| 1550 | 0.76 | 66 | <br> |  |
| 1560 | 0.84 | 65 | <br> |  |
| 1570 | 0.82 | 65 | <br> |  |
| 1580 | 0.80 | 65 | <br> |  |
| 1590 | 0.81 | 65 | <br> |  |
| 1600 | 0.82 | 65 | <br> |  |
| 1610 | 0.82 | 65 | <br> |  |
| 1620 | 0.82 | 65 | <br> |  |
| 1630 | 0.80 | 65 | <br> |  |
| 1640 | 0.79 | 65 | <br> |  |
| 1650 | 0.76 | 65 | <br> |  |
| 1660 | 0.82 | 65 | <br> |  |
| 1670 | 0.82 | 65 | <br> |  |
| 1680 | 0.82 | 65 | <br> |  |
| 1690 | 0.83 | 65 | <br> |  |
| 1700 | 0.85 | 65 | <br> |  |
| 1710 | 0.80 | 65 | <br> |  |
| 1720 | 0.77 | 65 | <br> |  |
| 1730 | 0.81 | 65 | <br> |  |
| 1740 | 0.78 | 65 | <br> |  |
| 1750 | 0.47 | 64 | <br> |  |
|      |      |    |      |  |



| 1760 | 0.52 | 64 | <br> |  |
|------|------|----|------|--|
| 1770 | 0.52 | 64 | <br> |  |
| 1780 | 0.57 | 65 | <br> |  |
| 1790 | 0.56 | 65 | <br> |  |
| 1800 | 0.63 | 65 | <br> |  |
| 1810 | 0.86 | 65 | <br> |  |
| 1820 | 0.84 | 65 | <br> |  |
| 1830 | 0.84 | 65 | <br> |  |
| 1840 | 0.82 | 66 | <br> |  |
| 1850 | 0.80 | 65 | <br> |  |
| 1860 | 0.82 | 65 | <br> |  |
| 1870 | 0.82 | 65 | <br> |  |
| 1880 | 0.82 | 65 | <br> |  |
| 1890 | 0.85 | 65 | <br> |  |
| 1900 | 0.84 | 65 | <br> |  |
| 1910 | 0.82 | 65 | <br> |  |
| 1920 | 0.85 | 65 | <br> |  |
| 1930 | 0.82 | 65 | <br> |  |
| 1940 | 0.80 | 65 | <br> |  |
| 1950 | 0.81 | 65 | <br> |  |
| 1960 | 0.82 | 65 | <br> |  |
| 1970 | 0.80 | 65 | <br> |  |
| 1980 | 0.83 | 65 | <br> |  |
| 1990 | 0.83 | 65 | <br> |  |
| 2000 | 0.81 | 65 | <br> |  |
| 2010 | 0.74 | 65 | <br> |  |
| 2020 | 0.73 | 65 | <br> |  |
| 2030 | 0.80 | 65 | <br> |  |
| 2040 | 0.77 | 65 | <br> |  |
| 2050 | 0.76 | 65 | <br> |  |
| 2060 | 0.78 | 65 | <br> |  |
| 2070 | 0.74 | 65 | <br> |  |
| 2080 | 0.75 | 65 | <br> |  |
| 2090 | 0.75 | 65 | <br> |  |



| 2100 | 0.75 | 65 | <br> |  |
|------|------|----|------|--|
|      |      |    |      |  |
|      |      |    |      |  |
|      |      |    |      |  |