NAV LOG FUEL CALCULATION

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| --- | --- | --- | --- |
| **DATE:** |  | **PILOT:** |  |

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| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **MIN** | **GPH** | **FUEL** |  | **MIN** | **GPH** | **FUEL** |
| **CLIMB** |  |  |  | **CLIMB** |  |  |  |
| **CRUISE** |  |  |  | **CRUISE** |  |  |  |
| **HOLDING** |  |  |  | **HOLDING** |  |  |  |
| **SUBTOTAL 1** |  |  |  | **SUBTOTAL 2** |  |  |  |
|  | | | | | | | |
| **SUBTOTAL 1** |  |  |  | **BLOCK FUEL** |  |  |  |
| **SUBTOTAL 2** |  |  |  | **- TAXI FUEL** |  |  |  |
| **TAXI FUEL** |  |  |  | **TAKEOFF FUEL** |  |  |  |
| **RESERVE** | **45** |  |  | **ENDURANCE** |  |  |  |
| **MIN REQ. FUEL** | | |  |  | | | |

WEIGHT & BALANCE

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| **Clearance:** | | | | | | | | | |
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| **Notes:** | | | | | | | | **PWR SET** | |
|  | | | | | | | | **ALT** |  |
|  | | | | | | | | **TAS** |  |
|  | | | | | | | | **GPH** |  |
| **OFF:** | | **Take-off:** | | | **Landing:** | | | **ON:** | |
| **WAYPOINT** | **NAVAID** | **MT** | **ALT** | **WIND** | **MH** | **DIST** | **TIME** | | **FUEL** |
| **IDENT** | **W/V** | **LEG** | **ETE** | **ETA** | **LEG** |
| **DEP**  **airport:** | **FREQ.** | **WCA** | **REM** | **ATE** | **ATA** | **REM** |
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| **TOTAL** | | | | | |  |  |  |  |

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| **ITEM** | **WEIGHT** | **ARM** | **MOMENT** | Check TOM and LM and moments with POH. |
| **EMPTY MASS** |  |  |  |
| **+ FRONT PAX** |  |  |  |
| **+ REAR PAX** |  |  |  |
| **+ BAGG 1** |  |  |  |
| **+ BAGG 2** |  |  |  |
| **+ TAKE-OFF FUEL** |  |  |  | **CHECKED** |
| **= TOM (MTOM= )** |  |  |  |  |
| **- TRIP FUEL** |  |  |  | **CHECKED** |
| **= LM (MLM= )** |  |  |  |  |

PERFORMANCE - TAKE OFF & LANDING

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **APT** | **RWY** | **TODA** | **TODR** |  | **APT** | **RWY** | **LDA** | **LDR** |  |
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| **Prepared by:** | |  | | | **Controlled by:** | |  | | |