# Aviation Reference Codes

## Alphabet:

| | |
|---|---|
| A: Alpha | N: November |
| B: Bravo | O: Oscar |
| C: Charlie | P: Papa |
| D: Delta | Q: Quebec |
| E: Echo | R: Romeo |
| F: Foxtrot | S: Sierra |
| G: Golf | T: Tango |
| H: Hotel | U: Uniform |
| I: India | V: Victor |
| J: Juliet | W: Whiskey |
| K: Kilo | X: Xray |
| L: Lima | Y: Yankee |
| M: Mike | Z: Zulu |

## Time Zone Information:

Local time = a.m. or p.m.

Aviation / Military time:

| | |
|---|---|
| 12:00 a.m. = 0000 | 12:00 p.m. = 1200 |
| 1:00 a.m. = 0100 | 1:00 p.m. = 1300 |
| 2:00 a.m. = 0200 | 2:00 p.m. = 1400 |
| 3:00 a.m. = 0300 | 3:00 p.m. = 1500 |
| 4:00 a.m. = 0400 | 4:00 p.m. = 1600 |
| 5:00 a.m. = 0500 | 5:00 p.m. = 1700 |
| 6:00 a.m. = 0600 | 6:00 p.m. = 1800 |
| 7:00 a.m. = 0700 | 7:00 p.m. = 1900 |
| 8:00 a.m. = 0800 | 8:00 p.m. = 2000 |
| 9:00 a.m. = 0900 | 9:00 p.m. = 2100 |
| 10:00 a.m. = 1000 | 10:00 p.m. = 2200 |
| 11:00 a.m. = 1100 | 11:00 p.m. = 2300 |

### Daylight Savings Time / Standard Time
*DST begins 2nd Sunday in March @ 2 a.m.
*DST ends 1st Sunday in November @ 2 a.m.

GMT / Zulu / UTC time conversions:
Conversion of local time ⟶ (GMT/Zulu/UTC)      (Add)
Conversion of (GMT/Zulu/UTC) ⟶ local time      (Subtract)



Example:
Local Time
4 p.m. EST = 1600 hrs

GMT/Zulu/UTC Time
4 p.m. + 5 hrs = 9 p.m.
Or
1600 + 0500 = 2100 hr

**TO CONVERT BETWEEN UTC AND YOUR TIME ZONE, ADD OR SUBTRACT.**

| | (HI)* | (AK) | (PT) | (MT) | (CT) | (ET) |
|---|---|---|---|---|---|---|
| Standard (Winter) time: | 10 | 9 | 8 | 7 | 6 | 5 |
| Daylight (Summer) time: | 9 | 8 | 7 | 6 | 5 | 4 |