

ZULU TIME

Definition

- "**Zulu**" **time**, more commonly known as "GMT" (Greenwich **Mean Time**)
- It's referred to as Coordinated Universal Time or Universal Time Coordinated (UTC)
- It is also known as "Z time" or "Zulu Time."

Conversion of Zulu Time

- Standard Time
- Day Light Saving Time

Standard Time

- Eastern Standard Time (EST)
- Central Standard Time (CST)
- Mountain Standard Time (MST)
- Pacific Standard Time (PST)

Day Light Saving Time

Eastern Day Time (EDT)

Central Day Time (CDT)

Mountain Day Time (MDT)

Pacific Day Time (PDT)

Standard Time into Zulu Time

Eastern Standard Time (EST)	5 hours behind Zulu
Central Standard Time (CST)	6 hours behind Zulu
Mountain Standard Time (MST)	7 hours behind Zulu
Pacific Standard Time (PST)	8 hours behind Zulu

Day Light Saving Time into Zulu Time

Eastern Day Time (EDT)	4 hours behind Zulu
Central Day Time (CDT)	5 hours behind Zulu
Mountain Day Time (MDT)	6 hours behind Zulu
Pacific Day Time (PDT)	7 hours behind Zulu

Numerical

- An aircraft departs an airport in the eastern daylight time zone at 09:45 EDT for a 2 hour's flight to an airport located in the central daylight time zone (CDT) the landing should be at what co-ordinate universal time?

Answer

- The Eastern Day Light time is 09:45 EDT
- For convert EDT into CDT,

$$- \frac{09:45}{01:00} = 08:45 \text{ CDT}$$

- a 2 hour's flight,

$$+ \frac{08:45}{02:00} = 10:45 \text{ CDT}$$

- co-ordinate universal time,

$$\bullet + \frac{10:45}{05:00} = 15:45 \text{ Z}$$

Co-Ordinate Universal Time is 15: 45 Z