shear line S of Guam, continues to drift southward

02-08 Saturday, 02-09 Sunday:
- dry, few (1500 ft) to scattered (2500 ft) clouds at takeoff and landing
  - NCAR model (outlier) forecasts isolated showers early morning and evening Sunday
- 10-15 knot NE winds
- westward-moving trade-wind disturbance (and associated convective precip; cloud top \( \leq 50 \text{ kft} \)) remains S of \( \sim 10\text{N} \)
- cold Ts develop S of Guam Saturday through Sunday, then warming up Monday

Outlook
- good flying conditions (dry, 10-15 knot NE winds) through Monday and Tuesday
- next frontal system approaches N of Guam around next Friday
‘current’ condition:
satellite IR imagery on 2014-02-07, ~00UTC
(02-07 Fri, ~10AM)

- shear-line S of Guam, drifting southward
- westward-moving trade-wind disturbance S of ~10N
'current' condition:
soundings on 2014-02-07, 00UTC
(02-07 Fri, 10AM)

- double tropopause
  -84.7 degC (188.3 K) at 18.0 km (59.2 kft)
  -84.9 degC (188.1 K) at 16.9 km (55.6 kft)

- moist layer intrusion between 11-18 kft
‘Sun mid-flight’ condition (GFS):  
100mb T & winds on 2014-02-09, 06UTC  
(02-09 Sun, 04PM)  

- cold Ts south (and west) of Guam  
- warms again on Monday
‘Tue mid-flight’ condition (GFS):
high clouds & 150mb winds on 2014-02-11, 06UTC
(02-11 Tue, 04PM)

- convective precip (associated with westward-moving trade-wind disturbance) south of 10N
100mb T forecast

- 100mb T near equatorial west Pac getting colder, no significant change at latitudes near Guam.