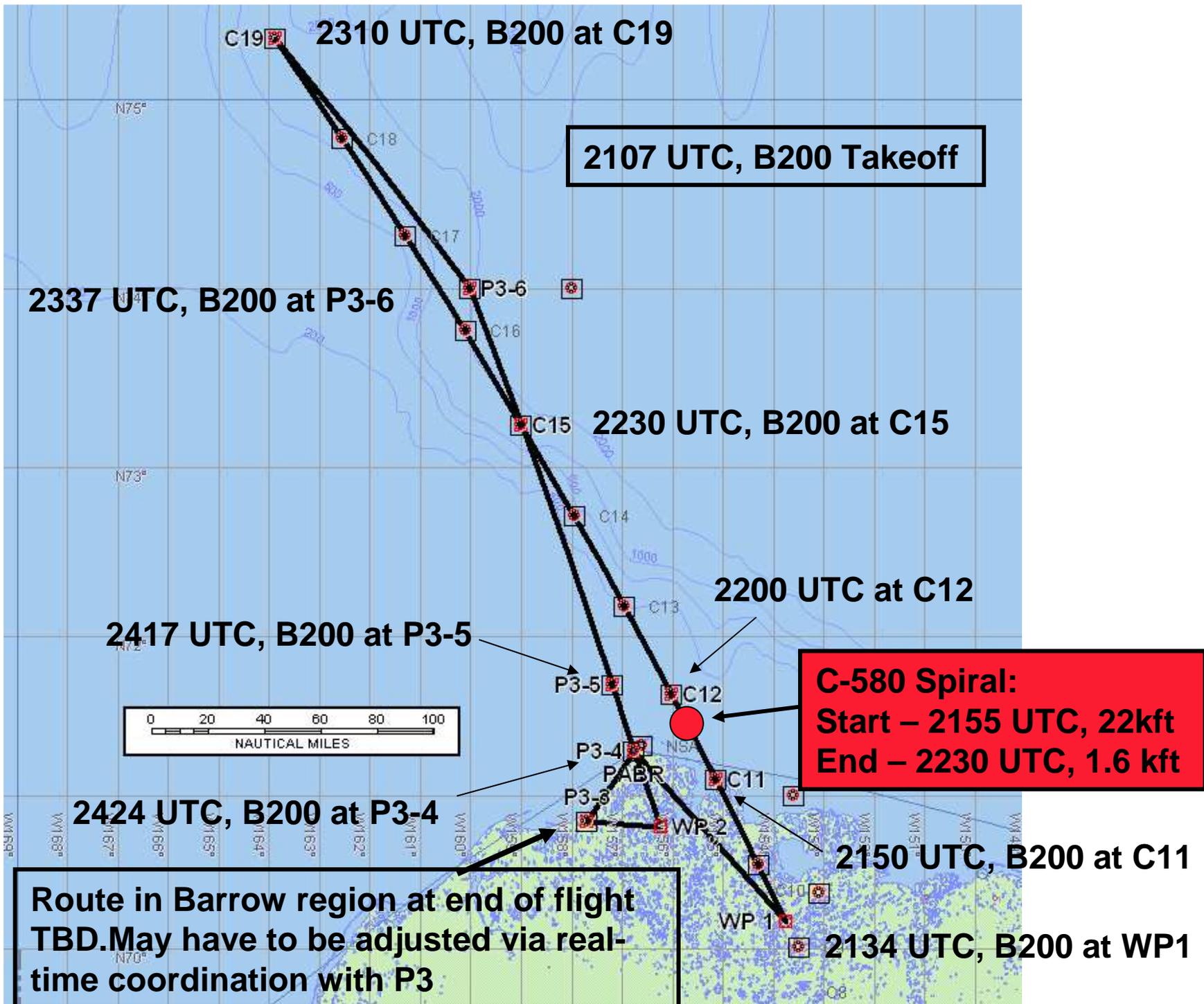


# B200 Flight Plan for 19 April



- Objectives
  - CALIPSO validation in region of relatively high aerosol loading in the free troposphere as predicted by RAQMS
  - Coordinated flight with Convair 580 on CALIPSO track
    - Convair will perform spiral on CALIPSO track and then work straight and level legs of ~50 n miles in aerosol layers identified by B200 and information from spiral.
    - Spiral from 22 kft to 1.6 kft; timing set to end spiral near time of CALIPSO overpass
    - Data will be used to validate lidar retrieval of optical properties and assess lidar inferences of aerosol type.
  - Coordinated flight with NOAA P3.
    - P3 to begin working Barrow at 2315 UTC +/- 30 minutes
    - **May have to adjust timing and route in real time to optimize P3 coordination**
- Timing
  - Takeoff at 2107 UTC, 1:07 local
  - Convair starts spiral at 2155 UTC
  - P3 to arrive Barrow at 3:15 +/- 30 minutes





# B200 Waypoints

---

---

WPT S WP1 N 70 10.72 W 153  
WPT S C11 N 71 6.25 W 155  
WPT S C12 N 71 38.75 W 156  
WPT S C15 N 73 14.73 W 158  
WPT S C19 N 75 18.13 W 163  
WPT S P3-6 N 74 0.00 W 160  
WPT S P3-5 N 71 42.00 W 157  
WPT S P3-4 N 71 17.10 W 156  
WPT S WP2 N 70 48.17 W 156  
WPT S P3-3 N 70 50.10 W 157