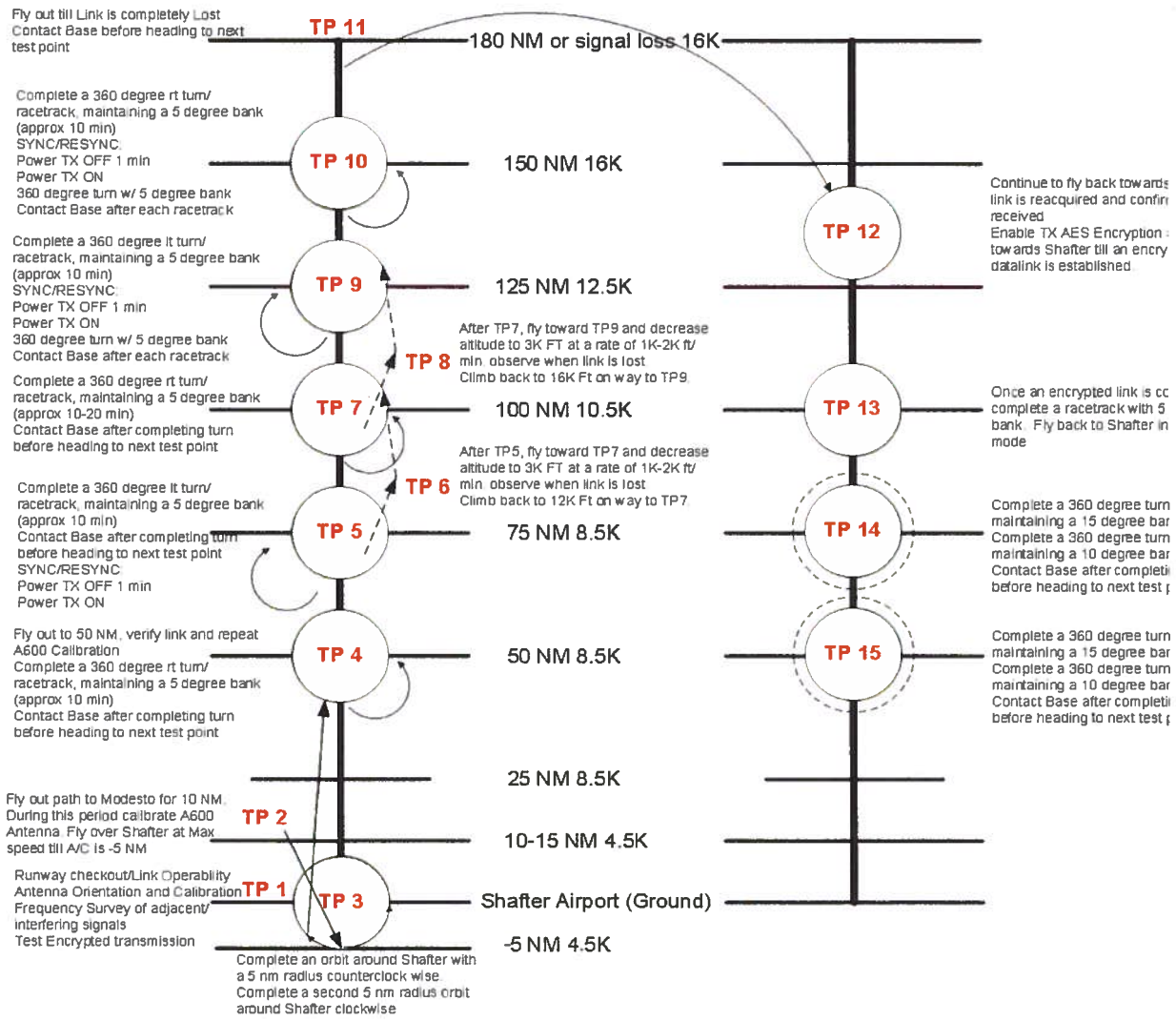
Fly out till Link is completely Lost
Contact Base before heading to next test point
TP 11
180 NM or signal loss 16K
Complete a 360 degree rt turn/ racetrack, maintaining a 5 degree bank (approx 10 min)
SYNC/RESYNC
Power TX OFF 1 min
Power TX ON
360 degree turn w/ 5 degree bank
Contact Base after each racetrack
TP 10
150 NM 16K
Complete a 360 degree lt turn/ racetrack, maintaining a 5 degree bank (approx 10 min)
SYNC/RESYNC
Power TX OFF 1 min
Power TX ON
360 degree turn w/ 5 degree bank
Contact Base after each racetrack
TP 9
125 NM 12.5K
After TP7, fly toward TP9 and decrease altitude to 3K FT at a rate of 1K-2K ft/ min. observe when link is lost
Climb back to 16K Ft on way to TP9.
TP 8
Complete a 360 degree rt turn/ racetrack, maintaining a 5 degree bank (approx 10-20 min)
Contact Base after completing turn before heading to next test point
TP 7
100 NM 10.5K
After TP5, fly toward TP7 and decrease altitude to 3K FT at a rate of 1K-2K ft/ min. observe when link is lost
Climb back to 12K Ft on way to TP7.
TP 6
Complete a 360 degree lt turn/ racetrack, maintaining a 5 degree bank (approx 10 min)
Contact Base after completing turn before heading to next test point
SYNC/RESYNC
Power TX OFF 1 min
Power TX ON
TP 5
75 NM 8.5K
Fly out to 50 NM, verify link and repeat A600 Calibration
Complete a 360 degree rt turn/ racetrack, maintaining a 5 degree bank (approx 10 min)
Contact Base after completing turn before heading to next test point
TP 4
50 NM 8.5K
25 NM 8.5K
Fly out path to Modesto for 10 NM. During this period calibrate A600 Antenna. Fly over Shafter at Max speed till A/C is -5 NM
TP 2
10-15 NM 4.5K
Runway checkout/Link Operability
Antenna Orientation and Calibration
Frequency Survey of adjacent/ interfering signals
Test Encrypted transmission
TP 1
TP 3
Shafter Airport (Ground)
-5 NM 4.5K
Complete an orbit around Shafter with a 5 nm radius counterclock wise.
Complete a second 5 nm radius orbit around Shafter clockwise
TP 12
Continue to fly back towards link is reacquired and confir received
Enable TX AES Encryption towards Shafter till an encry datalink is established.
TP 13
Once an encrypted link is cc complete a racetrack with 5 bank. Fly back to Shafter in mode
TP 14
Complete a 360 degree turn maintaining a 15 degree bar Complete a 360 degree turn maintaining a 10 degree bar Contact Base after completi before heading to next test p
TP 15
Complete a 360 degree turn maintaining a 15 degree bar Complete a 360 degree turn maintaining a 10 degree bar Contact Base after completi before heading to next test p