

Temperature Correction

Temperature Correction Chart from FIH page D-15

**TEMPERATURE CORRECTION CHART
(FEET)**

AIRPORT TEMP °C																	
0	0	20	20	20	40	40	40	40	60	80	90	110	120	140	180	240	300
-5	10	20	30	30	50	50	60	60	80	110	120	150	160	180	240	320	400
-10	20	20	40	40	60	60	80	80	100	130	150	180	200	230	300	400	500
-15	20	30	50	50	70	80	90	100	120	160	180	220	240	280	360	480	600
-20	20	40	60	60	80	100	100	120	140	180	210	250	280	320	420	560	700
-25	30	50	60	70	90	110	120	140	160	210	240	290	320	370	480	640	800
-30	40	60	60	80	100	120	140	160	180	240	270	330	360	410	540	720	900
-35	40	60	70	90	110	130	150	180	200	260	300	360	400	460	600	800	1000
-40	40	60	80	100	120	140	160	200	220	290	330	400	440	510	660	880	1100
-45	50	70	90	110	140	160	180	210	240	310	360	430	480	550	720	960	1200
-50	60	80	100	120	160	180	200	220	260	340	390	470	520	600	780	1040	1300
	200	300	400	500	600	700	800	900	1000	1300	1500	1800	2000	2300	3000	4000	5000

HAT/HAA

EXAMPLE: HI TAC Rwy 11 - Minot AFB, temp minus 30°C. (CAT "D")

NOTE: Must round interpolated values to nearest 10 feet.

Notes from AFI 11-202v3 (6 JUN 03):

8.13.1.6 **Temperature Correction.** For all flight operations, temperature corrections to the published altitudes shall be applied IAW the chart provided in the FIH to ensure adequate obstacle clearance. The values derived from the FIH temperature correction chart shall be:

8.13.1.6.1 Added to the published DH or MDA and step down fix altitudes in the final approach segment whenever the outside air temperature is 32°F/0°C or below.

8.13.1.6.2 Added to all altitudes in the procedure:

8.13.1.6.2.1 In designated mountainous regions (FAR 95.11)

whenever the outside air temperature is 32°F/0°C or below; or

8.13.1.6.2.2 When the outside temperature is -30°C or below; or

8.13.1.6.2.3 Whenever the procedure turn, intermediate approach altitude Height Above Aerodrome (HAA)/Height Above Threshold (HAT) are 3,000 ft. or more above the altimeter setting source.

8.13.1.6.3 Advise ATC whenever a temperature correction of greater than 80 ft. is applied to any altitude.