





**Field Sheet, Infrared**  
For use of this form, see FM 5-232; the proponent agency is TRADOC.

PROJECT						
ORGANIZATION				DATE		APPROX DISTANCE
ZERO CORRECTION *			CALIBRATION DATE	OBSERVER		RECORDER
INSTRUMENT STATION			H.I.	ELEVATION	ELEVATION INSTRUMENT	ECCENTRICITY * TOWARD AWAY
REFLECTOR STATION			H.I.	ELEVATION	ELEVATION REFLECTOR	ECCENTRICITY * TOWARD AWAY
<b>METEOROLOGICAL READINGS</b>				ZD INSTRUMENT TO REFLECTOR		
	TIME	PRESSURE (Hg)	TEMP. (DRY)	<b>DISTANCE (meters)</b>		
		IN.	F <sup>o</sup>	1		
INSTRUMENT				2		
REFLECTOR				3		
SUM				4		
MEAN				5		
CORRECTION FACTOR (PPM)				6		
PRODUCT = UD × PPM RC = PRODUCT × 10 <sup>-6</sup> T = UD ± Z ± RC H' = (T) <sup>2</sup> - (d) <sup>2</sup> H' = SIN ZD × T H <sub>F<sub>T</sub></sub> = H' × 3.280840				7		
				8		
				9		
				10		
				SUM		
UD		MEAN UNCORRECTED SLOPE DISTANCE (UD)				
PPM		ZERO CORRECTION <sup>o</sup> (Z)				
PRODUCT		REFRACTIVE INDEX CORRECTION (RC)				
RC		CORRECTED SLOPE DISTANCE (T)				
DIFF. OF ELEV. (d)		UNCORRECTED HORIZON. DISTANCE (H')				
<sup>o</sup> Obtained from Instrument Calibration. * Toward Eccentricity must be ADDED. Away Eccentricity must be SUBTRACTED.			ECCENTRIC CORRECTION * (EC)			
			HORIZON DISTANCE (H <sub>M</sub> ) / (H <sub>F<sub>T</sub></sub> )			
REMARKS						
COMPUTED BY			DATE	CHECKED BY		DATE PAGE OF



# Airfield Compilation Report

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SURVEY AGENCY: 1							
AIRPORT NAME					IDENTIFIER		
CITY 4		STATE 5		EDITION 6		SURVEY DATE 7	
AIRPORT REFERENCE POINT 8		LATITUDE 9		LONGITUDE 10		Δ CL OR Θ ANGLE 11	
AIRPORT LOCATION POINT 12		LATITUDE 13		LONGITUDE 14		DECLINATION 15	
AIRPORT ELEVATION (In feet) 16		LOCATED 17			CONTROL TOWER FLOOR ELEVATION (In feet) 18		
19 DATUM				POSITION CODE –			
				1. Field Survey 2. Photogrammetric 3. Other			
AIRPORT DATA		ELEVATION	LATITUDE	LONGITUDE	YR-CODE	REMARKS	OFFICE CODE
20		21	22	23	24	25	26
RUNWAY	DSPLCD THR LENGTH	RWY END ELEVATION	LATITUDE	LONGITUDE	WIDTH LENGTH	GEODETIC AZ. (N) MAG. BEARING (N)	OFFICE CODE
							34

### Precision Approach Radar (GCA) Data

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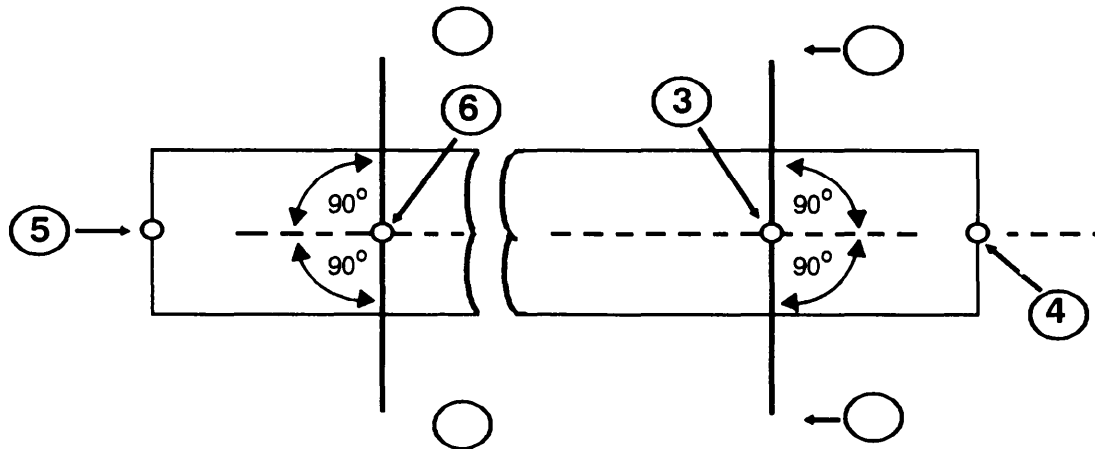
AIRPORT NAME							
CITY		STATE		SURVEY DATE (Mo./Day/Year)			
PAR COMPONENTS AND PERTINENT RUNWAY DATA Numbered items correspond to the diagram below.			LATITUDE		LONGITUDE		ELEVATION
						(1 / 100 Second)	
1. PAR Antenna							
2. Touchdown Reflector							
3. The point on runway C/L closest to the Touchdown Reflector (Item 2).							
4. Runway C/L End.							
5. Runway C/L End.							
6. The point on runway C/L closest to PAR Antenna.							
7. Displaced Threshold (if applicable).							

PAR Antenna – Enter Numeral 1 in circle to indicate PAR Antenna Position.

Touchdown Reflector – Enter Numeral 2 in circle to indicate Touchdown Reflector.

PAR – GROUND DISTANCE							
3 to 7		1 to 6		2 to 3		GEODETIC AZIMUTH SOUTH ° ' "	
FEET		FEET		FEET			
(if applicable)		3 to 6		3 to 4		4 to 5	
		FEET		FEET			

ADD APPLICABLE NUMBERS TO CIRCLES AND RUNWAY ENDS. SHOW NORTH ARROW.



## Instrument Landing System Data

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AIRPORT NAME			
CITY	STATE	SURVEY DATE (Mo./Day/Year)	
ILS COMPONENTS AND PERTINENT RUNWAY DATA Numbered items correspond to the diagram below.	LATITUDE	LONGITUDE	ELEVATION
	(1 / 100 Second)		(1 / 10 Foot)
1. Localizer Antenna (Course Array): Point on ground beneath the localizer antenna.			
2. Glide Slope Indicator (GSI): Center of the base supporting the antenna.			
3. The point on runway C/L closest to the base of the Glide Slope Indicator Antenna (Item 2).			
4. Runway C/L End.			
5. Runway C/L End.			
6. The point on runway C/L closest to the base of the offset Localizer (Case 2).			
MARKERS	LATITUDE	LONGITUDE	GROUND DISTANCE TO END OF RUNWAY
	(1 / 10 Second)		
INNER OR B. C. MARKER (RUNWAY END)			feet
MIDDLE MARKER (RUNWAY END)			feet
OUTER MARKER (RUNWAY END)			feet
LOCALIZER - GROUND DISTANCE			
Case 1 (normal)		Case 2 (offset)	
1 to 5	FEET	1 to 6	FEET
		2 to 3	FEET
		3 to 4	FEET
			GEODEIC AZIMUTH SOUTH
			0     "     "
ADD APPLICABLE NUMBERS TO CIRCLES AND RUNWAY ENDS. SHOW NORTH ARROW.			

