

VISUAL PORTION OF FINAL WORKSHEET

SECTION I - SUMMARY INFORMATION (Result Data for Publication)

1. Visual Threshold Crossing Height (TCH)				
2. VDP Distance from Threshold (Feet)				
3. DME of VDP (If published)				
4. 34:1 PENETRATION -- VISIBILITY RESTRICTED TO 3/4 MILE (Yes or No)	<input type="checkbox"/>	<input type="checkbox"/>		
5. 20:1 PENETRATION -- VDP NOT PUBLISHED, VISIBILITY RESTRICTED TO 1 MILE, PENETRATING OBSTACLES MARKED AND LIGHT (Yes or No)	<input type="checkbox"/>	<input type="checkbox"/>		
6. 20:1 PENETRATION -- VDP NOT PUBLISHED, VISIBILITY RESTRICTED TO 1 MILE, NIGHT OPERATIONS NOT AUTHORIZED FOR THIS RUNWAY (Yes or No)	<input type="checkbox"/>	<input type="checkbox"/>		

SECTION II - DETERMINATION OF TCH WITH VGSI

A. THRESHOLD ELEVATION				
B. VGSI RRP ELEVATION	-			
C. ELEVATION DIFFERENCE	=			
D. DISTANCE RRP TO THRESHOLD (A)(Feet)				
E. TANGENT VGSI ANGLE(T)	X			
F. RISE AT THRESHOLD (O)	=			
G. ELEVATION DIFFERENCE(from item No. C above)	-			
H. VISUAL THRESHOLD CROSSING HEIGHT(TCH)	=			

SECTION III - DETERMINATION OF VDP WITH VGSI

A. MDA				
B. VISUAL TCH	-			
C. THRESHOLD ELEVATION	-			
D. TANGENT VGSI ANGLE	÷			
E. VDP DISTANCE FROM THRESHOLD	=			

SECTION IV - DETERMINATION OF VDP WITHOUT VGSI

A. MDA				
B. VISUAL TCH FROM AFJMAN 11-226, TABLE 18A	-			
C. THRESHOLD ELEVATION	-			
D. TANGENT DESCENT ANGLE OR 3" WHICHEVER IS HIGHER	÷			
E. VDP DISTANCE FROM THRESHOLD	=			

SECTION V - OBSTACLE CLEARANCE DETERMINATION 20:1

A. DISTANCE FROM AREA ORIGIN OR EXTENSION LINE TO OBSTRUCTION (feet)				
B. 20:1 OBSTACLE SURFACE	÷	20	20	20
C. RISE OF SURFACE	=			
D. THRESHOLD ELEVATION	+			
E. HEIGHT OF SURFACE AT OBSTRUCTION (MSL)	=			
F. OBSTACLE HEIGHT				
G. PENETRATION (F - E) (Positive No. = Penetration) (Negative No. = No penetration)				

SECTION VI - OBSTACLE CLEARANCE DETERMINATION 34:1

A. DISTANCE FROM AREA ORIGIN OR EXTENSION LINE TO OBSTRUCTION (feet)				
B. 34:1 OBSTACLE SURFACE	÷	34	34	34
C. RISE OF SURFACE	=			
D. THRESHOLD ELEVATION	+			
E. HEIGHT OF SURFACE AT OBSTRUCTION (MSL)	=			
F. OBSTACLE HEIGHT				
G. PENETRATION (F - E) (Positive No. = Penetration) (Negative No. = No penetration)				

**Download any U.S. FedForm (free, fillable, savable in Adobe Reader)!
Start with the "Flash Demo" at the top of the following page:
www.usa-federal-forms.com**

**Convert any fillable PDF form to savable (locally, in Adobe Reader):
www.savePDF.com**

**Convert any document (in any format) to PDF fillable and savable:
www.FillinDocs.com**

**All (10's of 1,000's) U.S. Federal Forms already fillable, savable:
www.usa-federal-forms.com**

About the ITAOP/savePDF Method

The traditional Field-by-Field creation process is extremely ineffective and slow.

The only realistic option to create high-quality forms is the Insert-Text-Anywhere-on-Page (ITAOP) method.

The field creation process is about 10,000 times faster than the traditional method; the list of ITAOP features is not even available for the traditional method.

ITAOP savePDF method proved to be very simple and completely reliable for millions of users all over the world (incl. individuals, companies, organizations, government employees).

SECTION VII - DME FIX AT VDP

COS (Cosine) OF "TRUE RUNWAY BEARING"
 MINUS (+) "TRUE FINAL APPROACH COURSE"
 EX: 355.67 TRUE RUNWAY BEARING
 - 351.00 TRUE FINAL APPROACH COURSE
 = 4.67 DEGREES (COS IS .99668)

A. "X" VALUE OF DME FACILITY TO EOR(Feet)

B. DISTANCE VDP TO THRESHOLD(Feet) **+**

C. TOTAL **=**

D. COS OF TRUE RUNWAY BEARING - TRUE FINAL APPROACH COURSE
 (from above) **÷**

E. VDP IN FEET **=**

F. CONVERT FEET TO NAUTICAL MILES(Divide by 6076.11548) **÷**

G. DME OF VDP(Round to the nearest tenth)
 EX: 2.19 = 2.2

REMARKS