

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW15 CLIMB TO 3000 DIRECT OBZOF AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 328.45 INBOUND. CHART FAS OBST: 781 TOWER 422538N/0830207W CHART FAS OBST: 1049 TOWER 422809N/0830655W DISTANCE TO THLD FROM 303 HAT: 0.77 NM. WAAS CHANNEL # 63211 REFERENCE PATH ID: W15A LTP HAE: 155.5 M					
DXO VOR/DME		ESAYO (TF) (FB) (RNP 2.00)		016.61 / 19.82				2800							
PSI VORTAC		IHide (NOPT) (TF) (FB) (RNP 1.00)		118.94 / 16.79				2800							
ESAYO (IAF)		IHide (NOPT) (TF) (FB) (RNP 1.00)		058.15 / 5.00				2800							
BLUEZ (IAF)		IHide (NOPT) (TF) (FB) (RNP 1.00)		238.66 / 36.30				2800							
IHide (IF/IAF)		BULYN (TF) (FB) (RNP 1.00)		148.21 / 6.10				2800							
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NW IHide, RT, 148.21 INBOUND, 2800 FT. IN LIEU OF PT (IAF) 3. FAC: 148.26 FAF: BULYN DIST FAF TO MAP: 6.53 THLD: 6.53 4. MIN. ALT: IHide 2800, BULYN 2800 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2800 GS ALT AT: BULYN 2800 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 59.7 34:1 IS NOT CLEAR 8. MSA FROM: RW15 2800															
										MAG VAR: 5W			EPOCH YEAR: 1980		
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT								ALTERNATE: N A		STANDARD @					
CATEGORY >>>>>		A		B		C		D		E					
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	927	1	303	927	1	303	927	1	303	927	1	303			
LNAV/VNAV DA	1079	1 1/2	455	1079	1 1/2	455	1079	1 1/2	455	1079	1 1/2	455			
LNAV MDA	1180	1	556	1180	1	556	1180	1 1/2	556	1180	1 3/4	556			
CIRCLING	1180	1	554	1180	1	554	1180	1 1/2	554	1200	2	574			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 48C (118F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: RWY 15 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DETROIT METROPOLITAN WAYNE COUNTY (CONTINUED ON PAGE 2)															
CITY AND STATE		ELEVATION: 626 TDZE: 624				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 15, ORIG-B				SUP:			
DETROIT, MI		AIRPORT NAME: COLEMAN A YOUNG MUNI										AMDT: ORIG-A			
												DATED 05/28/2015			



ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE <div style="text-align: center;">ROUTINE</div>
COORDINATED WITH: <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="text-align: center;">ATA <input type="checkbox"/></div> <div style="text-align: center;">AAT <input type="checkbox"/></div> <div style="text-align: center;">ALPA <input checked="" type="checkbox"/></div> <div style="text-align: center;">APA <input checked="" type="checkbox"/></div> <div style="text-align: center;">AOPA <input checked="" type="checkbox"/></div> <div style="text-align: center;">NBAA <input checked="" type="checkbox"/></div> <div style="text-align: center;">OTHER (specify) <input checked="" type="checkbox"/> <u>AMGR, ZOB, DET TWR, DET APP CON</u></div> </div>		
FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
A. J. FIELDS	AJV-5412	01/23/2017
APPROVED BY		
NAME:	FIFO	DATE:
GEORGE DAVIS MANAGER	AJV-5410	
CHANGES: ORIG-A P NOTAM 5/7059: 1. ADDED NOTE NIGHT LANDING: RWY 25 NA. 2. CHANGED NOTE FROM VISIBILITY REDUCTION BY HELICOPTERS NA TO HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. ORIG-B: 1. CHANGED NOTE FROM HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. TO RWY 15 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 2. CHANGED NOTE FROM NIGHT LANDING: RWY 25 NA TO TO CIRCLING RWY 7, 25 NA AT NIGHT. 3. ADDED TO MISSED APPROACH CA LEGS RW15 TO 927 MSL AND 927 MSL TO OBZOF. 4. CHANGED PLANVIEW NOTE FROM PROCEDURE NA FOR ARRIVAL AT DXO VORTAC VIA V26-133 SOUTHEAST BOUND TO PROCEDURE NA FOR ARRIVALS AT DXO VOR/DME ON V26 SOUTHEAST BOUND AND V103 WESTBOUND. 5. CHANGED PLANVIEW NOTE FROM PROCEDURE NA FOR ARRIVAL AT PSI VORTAC VIA V410 WEST BOUND TO PROCEDURE NA FOR ARRIVAL AT PSI VORTAC ON V410 WESTBOUND. 6. CHANGED PLANVIEW NOTE FROM PROCEDURE NA FOR ARRIVAL AT BLUEZ INT VIA V450 EAST BOUND TO PROCEDURE NA FOR ARRIVAL AT ON V450, T781 EASTBOUND. 7. ADDED NOTE: RWY 7, 25 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. (SEE FORM 8260-10)		
REASONS: ORIG-A: 1. 20:1 PENETRATIONS. 2. 34:1 PENETRATIONS. ORIG-B: 1. 34:1 PENETRATIONS LISTED ON THE BACK OF THE 8260-9 AND FORMAT PER .19G PARA 8-6-5M(2). 2, 7. 20:1 PENETRATIONS LISTED ON THE BACK OF THE 8260-9. 3. REQUIRED FOR ARINC CODING. 4. CHANGED DXO FROM VORTAC TO VOR/DME, CHANGED THE WORD VIA TO ON, REMOVED V133 FROM NOTE, NO V133 AT DXO. 5. CHANGED THE WORD VIA TO ON. 6. CHANGED THE WORD VIA TO ON, REMOVED THE WORD INT AFTER BLUEZ AND ADDED T781 TO NOTE. 8-11. IPDS DATA UPDATE USED CURRENT VALUES. 12. CRC REMAINDER RESULT OF FAS DATA UPDATE. (SEE FORM 8260-10)		

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BULYN (FAF)	RW15 (MAP) (TF) (FO) (RNP 0.30)	148.26 / 6.53	
RW15 (MAP)	927 MSL (CA)	148.26	
927 MSL	OBZOF (DF) (FO) (RNP 1.00)		3000

NOTES, (CONT.):

ALTIMETER SETTING AND INCREASE ALL DA 48 FEET AND ALL MDA 60 FEET, INCREASE VISIBILITY LPV ALL CATS, LNAV/VNAV ALL CATS, AND CIRCLING CAT C 1/4 MILE.
CHART NOTE: CIRCLING RWY 7, 25 NA AT NIGHT.
CHART NOTE: RWY 7, 25 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DXO VOR/DME ON V26 SOUTHEAST BOUND AND V103 WESTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT PSI VORTAC ON V410 WESTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT BLUEZ ON V450, T781 EASTBOUND.

QUALITY
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CHECKED

CITY AND STATE
DETROIT, MI

ELEVATION: 626 TDZE: 624
AIRPORT NAME:
COLEMAN A YOUNG MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 15, ORIG-B

SUP:
AMDT: ORIG-A
DATED: 05/28/2015

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <div><input type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>		ALPA <div><input type="checkbox"/></div>	
APA <div><input type="checkbox"/></div>		AOPA <div><input type="checkbox"/></div>		NBAA <div><input type="checkbox"/></div>	
OTHER (specify)		<div><input type="checkbox"/></div>		<div><input type="checkbox"/></div>	
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES: CHANGES CONT. FAS DATA CHANGES 8. CHANGED LTP FROM 422504.6700N/0830058.4600W TO 422504.6720N/0830058.4550W. 9. CHANGED FPAP FROM 422424.3400N/0830017.9300W TO 422353.1850N/0825946.6025W 10. COURSE WIDTH AT THRESHOLD CHANGED FROM 87.25 TO 106.75 11. LENGTH OFFSET CHANGED FROM 0000 TO 1200. 12. CRC REMAINDER CHANGED FROM B65AFBF2 TO 470AE5E9					
REASONS: REASONS CONT. PDF EDIT: FLIGHT CHECKED BY SECTION ADDED "FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW FLIGHT INSPECTION TEAM (AJW-333) MEMO, MAY 30, 2017".					

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDET
RUNWAY	RW15
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W15A
LTP/FTP LATITUDE	422504.6720N
LTP/FTP LONGITUDE	0830058.4550W
LTP/FTP ELLIPSOIDAL HEIGHT	+01555
FPAP LATITUDE	422353.1850N
FPAP LONGITUDE	0825946.6205W
THRESHOLD CROSSING HEIGHT (TCH)	00059.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1200
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

470AE5E9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01901
FPAP ORTHOMETRIC HEIGHT	+01901

QUALITY
29
CHECKED

CITY AND STATE DETROIT, MI	ELEVATION: 626 AIRPORT NAME: COLEMAN A YOUNG MUNI	TDZE: 624 	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 15, ORIG-B	SUP:
					AMDT: ORIG-A
					DATED: 05/28/2015

ALL AFFECTED PROCEDURES REVIEWED?		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
<input type="checkbox"/> YES <input type="checkbox"/> NO					
COORDINATED WITH:					
ATA	AAT	ALPA	APA	AOPA	NBAA OTHER (specify)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> _____
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT		FROM		TO		OBSTRUCTION		COORDINATES		ELEV. MSL		ROC		ALT. ADJUSTMENTS		MIN. ALT.			
FEEDER		DXO VOR/DME		ESAYO		1. TOWER (26-000324)		422901.00N/0831844.00W		1749 (4D)		1000		AT51		2800			
						2. TERRAIN		423433.00N/0831933.00W		1027 (1000)				AS1500		2500			
INITIAL		PSI VORTAC		IHide		3. TOWER (26-001399)		424058.84N/0833310.66W		1414 (1A)		1000		AT386		2800			
						4. TERRAIN		424351.00N/0832424.00W		1195 (1200)				AS1500		2700			
INITIAL		ESAYO		IHide		5. AAO		423406.00N/0831809.00W		1237 (4E)		1000		AT563		2800			
						6. TERRAIN		421406.00N/0831809.00W		1037 (1000)				AS1500		2500			
INITIAL		BLUEZ		IHide		7. AAO		423509.00N/0831333.00W		1129 (4E)		1000		AT671		2800			
						8. TERRAIN		423509.00N/0831333.00W		929 (900)				AS1500		2400			
INTERMEDIATE		IHide (IF/IAF)		BULYN		9. AAO		423521.00N/0831112.00W		1126 (4E)		500		AT1174		2800			
						10. TERRAIN		423457.00N/0831112.00W		840 (800)				AS1500		2300			
FINAL: LPV		BULYN		RW15		11. TREE (KDET0097)		422528.23N/0830124.13W		700 (1A)		27.03:1				927/303			
FINAL: LNAV/VNAV		BULYN		RW15		12. TOWER (26-000993)		422538.00N/0830207.00W		781 (1B)		23.4:1		AC10		1079/455			
FINAL: LNAV		BULYN		RW15		13. TOWER (26-000105)		422809.00N/0830655.00W		1049 (4D)		250		AC50 XL27 SA-212		1180			
2. HOLD-IN-LIEU-OF-PT		IHide		P-5		14. TOWER (26-001637)		424204.00N/0831505.00W		1450 (5D)		1000		AT350		2800			
						15. TERRAIN		424247.00N/0831344.00W		1145 (1100)				AS1500		2600			
3. MISSED APPROACH	MAP:		DA / DA / RW15		OBZOF						ASC				3000				
	ELEV:		700/792/903				16. STACK (26-000123)		422131.00N/0825737.00W		935 (5D)		1000		2000				
						17. TERRAIN		422239.00N/0830148.00W		657 (700)				AS1500		2200			
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.															
CATEGORY A		1.3 NM		REQUIRED	ACTUAL	350		554		18. STACK (26-000730)		422410.00N/0830204.00W		879 (1A)		300			
CATEGORY B		1.5 NM				450		554		18. STACK (26-000730)		422410.00N/0830204.00W		879 (1A)		300		1180	
CATEGORY C		1.7 NM				450		554		18. STACK (26-000730)		422410.00N/0830204.00W		879 (1A)		300		1180	
CATEGORY D		2.3 NM				550		574		19. STACK (26-001063)		422303.00N/0830250.00W		884 (2A)		300		1200	
CATEGORY E		4.5 NM				550													
5. MINIMUM SAFE ALTITUDES																			
PRIMARY NAVAID: RW15																			
SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)			
360-360		TWR (26-000648)		293/06.9		1749 (3C)		2800											
CITY AND STATE		DETROIT, MI		ELEVATION: 626		AIRPORT NAME:		COLEMAN A YOUNG MUNI		FACILITY		RNAV		PROCEDURE AND AMENDMENT NO:		RNAV (GPS) RWY 15, ORIG-B			

QUALITY
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CHECKED
AGL

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: PRECIPITOUS TERRAIN EVALUATION COMPLETED. VGSI DATA: 3.00/56.8 NO ADDITIONAL AIRSPACE REQUIRED. RASS PRESSURE PATTERNS SAME KDET 626.00, KDTW 645.10 RA = 47.10. BOTH DET ASOS AND DTW ASOS ON WMSCR. ISA DEVIATION: -30 LPV INNER SLOPE: 27.03:1 OUTER: 34:1 LNAV/VNAV INNER SLOPE: 23.4:1 OUTER: 34:1 "VISUAL PORTION OF FINAL" PENETRATIONS: LPV, LNAV/VNAV AND LNAV: 34:1 TREE (26-028424) 422512.31N/0830111.22W (14.22) TREE (26-029628) 422511.24N/0830107.02W (4.31) TREE (26-028354) 422519.14N/0830119.96W (1.40) TREE (26-029524) 422526.45N/0830118.32W (0.10) CIRCLING RWY 25: 20:1 654 POLE (26-022967) 422430.10N/0830007.80W (18.94) 671 STACK (26-002019) 422430.00N/0830002.00W(16.73) 654 POLE (26-022972) 422428.30N/0830005.41W (15.02) 675 TREE (26-028386) 422428.74N/0825959.31W (14.58) 654 T-L TOWER (26-022979) 422428.54N/0830002.00W(3.05) CIRCLING RWY 7: 20:1 662 BLDG (26-022975) 422408.03N/0830055.80W (8.15) REFERENCE PREVIOUS REVIEWS/AMENDMENTS THERE ARE NO OTHER REVISED 20:1 VISUAL SURFACE PENETRATIONS TO ANY OTHER RWY. INTERMEDIATE CONTROLLING OBSTACLE THE SAME FOR ALL FINAL TYPES. OBS #13 LIES 4718 FEET INTO THE LNAV FINAL SECONDARY AREA.				
1. COMMUNICATIONS WITH:			2. WEATHER SERVICE			3. ALTIMETER SETTING								
DTW TOWER DTW APP CON ZOB ARTCC DET TOWER				N W S	OTHER: ASOS		SOURCE:KDET / KDTW							
				F A A			DISTANCE: 0 / 19.29							
				A / C			HOURS REMOTE OPERATION: BACKUP							
SATISFACTORY ON:			LOCATION: KDET			ADJUSTMENT: 0 / 48								
4. MONITOR STATUS	X	V H F	X	U H F		H F	PRIMARY NAVAID:							
							MONITOR POINT:							
							HRS OPTN:	CAT 1						
								CAT 3						
5. APPROACH & RUNWAY LIGHTING										ALS				
										(S) SALS				
										MALS				
										X	HIRL 15, 33			
										X	MIRL 07, 25			
										X	REIL 15, 33			
										TDZ				
										C/LINE				
									X	OTHER (SPECIFY) VASI-4R 15 PAPI-4L 25, 33				
6. RUNWAY MARKINGS											BASIC BSC-G 07, 25			
											ALL WEATHER PIR-G 15, 33			
											INSTRUMENT			
7. RUNWAY VISUAL RANGE											APPROACH			
											MIDFIELD			
											ROLL OUT			
8. GLIDE PATH												GP ANGLE: 3.00		
												ELEV RWY THRESHOLD:623.6		
												DISTANCE FROM RWY:		
												ELEV GP ANTENNA:		
													THRESHOLD CROSSING HEIGHT:59.7	
9. FINAL APPROACH COURSE AIMING													RUNWAY THRESHOLD	
													FT. FROM THRESHOLD	
													ON CENTERLINE	
													FT. FROM CENTERLINE	
10. WAIVERS: NONE														
PART D - PREPARED BY: A. J. FIELDS										DATE: 01/23/2017				
TITLE: AERONAUTICAL INFORMATION SPECIALIST										OFFICE: AJV-5412				

