

Factual Report – Attachment 1

Illustrations

AIR TRAFFIC CONTROL

ERA16LA225

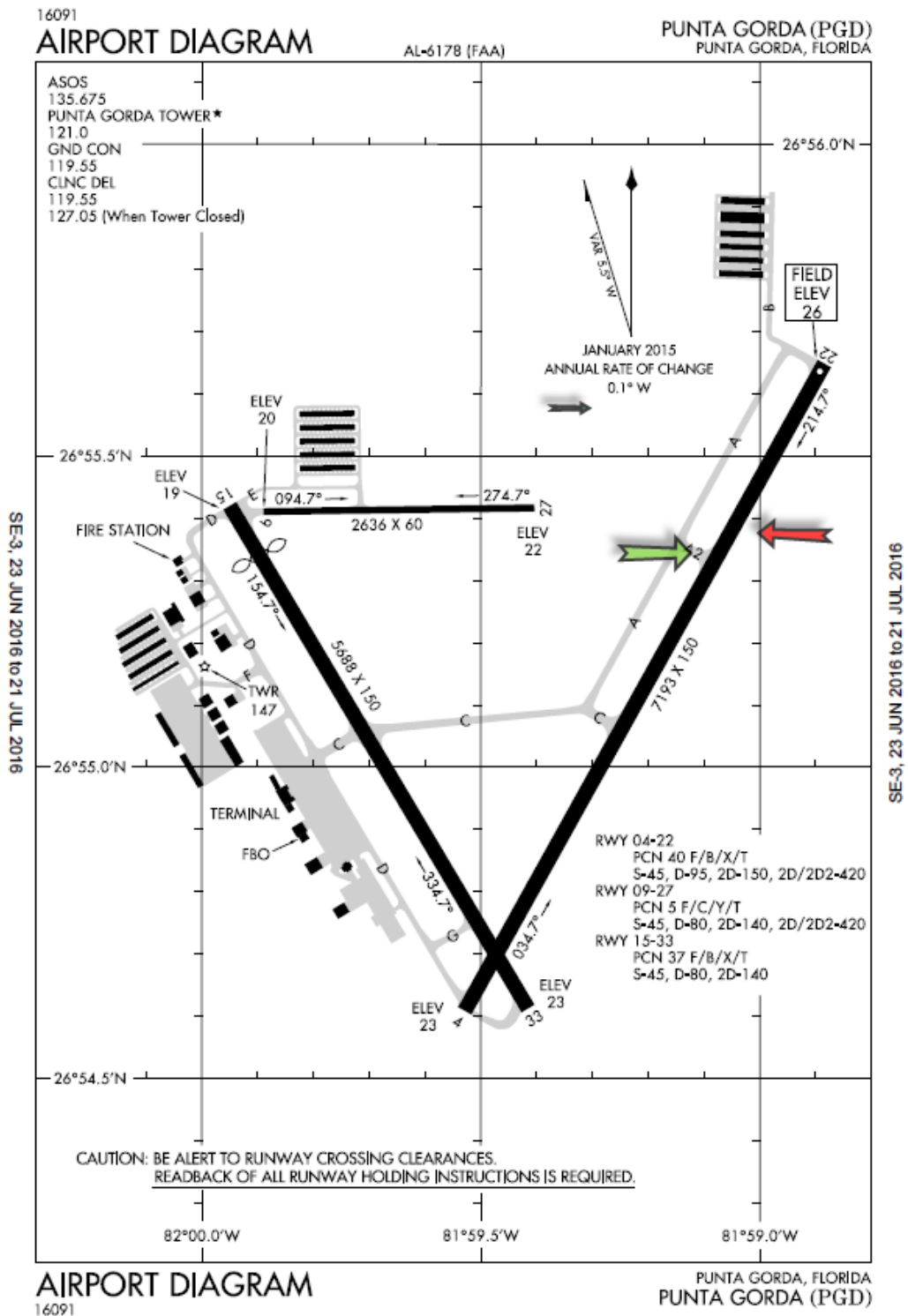


Figure 1 – Punta Gorda Airport Diagram with a green arrow representing the approximate location of AAY Maintenance 869 and the red arrow representing the approximate location that N8161X departed runway 22.

DAILY RECORD OF FACILITY OPERATION				PAGE NO Page 1 of 1
				DATE Jun 17, 2016
LOCATION	IDENTIFICATION	TYPE FACILITY	OPERATING POSITION	CHECKED BY
Punta Gorda, FL	PGD	ATCT	OS/CIC	AIR TRAFFIC MANAGER Richard Reid
UTC TIME	REMARKS			
1100	R. REID ON, RY22 IN USE, WCLC. -- RR			
1455	RWY 33, ACN. -- KC			
1845	B. NORTON ON, ABOVE NOTED, WCLC. -- BC			
1903	RWY 22 IN USE, ACN. -- BC			
2109	ALERT 1, N8161X, PA28, 3 SOB, FUEL UNKNOWN. LOST CONTROL OF ACFT AND ROLLED OFF THE RUNWAY. -- BC			
2111	RWY 22 OPS SUSPENDED, ACN. -- BC			
M 2127	PGD-M-2016/06/17-0001 -- N8161X -- RG			
2148	RWY OPS RESUMED, ACN. -- RG			
0100	COB. -- BC			
I CERTIFY that entries above are correct, that all scheduled operations have been accomplished except as noted, and that all abnormal occurrences and conditions have been recorded.		SIGNATURE(S) OF WATCH SUPERVISOR(S)		

FAA Form 7230-4

Figure 2 – PGD Daily Record of Facility Operation

Air Traffic Mandatory Occurrence Report

PGD-M-2016/06/17-0001

1. Reporting FAC ID			2. Date UTC (dd/mm/yyyy)						3. Time UTC				4. Significant Occurrence?		
P	G	D	1	7	0	6	2	0	1	6	2	1	0	8	☐ Yes ☒ No
5. MOR reported by (select one):															
☐ Controller providing services					☐ FLM					☐ Internal Facility Review					
☐ CIC					☒ Aircraft Owner/Operator					☐ Electronically Detected					
☐ External Facility Referral					☐ Hotline (Describe in summary)					☐ Other (Describe in summary)					
Brasher warning given? ☐ Yes ☒ No Training in progress? ☐ Yes ☒ No															
AIRPORT ENVIRONMENT MORs															
11. MOR type - airport environment MORs involving aircraft on the airport surface:												11a. Occurrence location:			
☐ Aircraft on movement area/runway safety area other than expected/intended - Other aircraft within one-mile of landing threshold? ☐ Yes ☐ No ☐ Canceled takeoff clearance or flight crew aborted takeoff after crossing hold-short line ☒ Aircraft unintentionally maneuvered off runway or taxiway ☐ Aircraft within ILS protected area other than expected/intended - Other aircraft on final approach - ID _____ Type/Suffix _____												RWY 22 PUNTA GORGDA, FL			
Describe where on the airport surface the occurrence occurred															
11b. Aircraft information:															
Aircraft ID			Aircraft type/suffix			Facility communicating with A/C			Position communicating with A/C			Frequency			
N8161X			PA28			PGD			LC			121.0			
12. MOR type - airport environment MORs involving aircraft landing/departing/on low-approach:												12a. Occurrence location:			
☐ Aircraft landed/departed or attempted to land/depart runways/surface other than expected/intended ☐ Aircraft landed/departed or executed low approach to closed runway (or closed portion thereof) ☐ Turbojet go-around within 1/2 mile of arrival threshold (non-flight training)												Describe where on the airport surface the occurrence occurred			
12b. Aircraft information:															
Aircraft ID			Aircraft type/suffix			Facility communicating with A/C			Position communicating with A/C			Frequency			
13. MOR type - airport environment MORs involving vehicles on the airport surface:												13a. Occurrence location:			
☐ Vehicle on movement area/runway safety area other than expected/intended - Aircraft within one-mile of landing threshold? ☐ Yes ☐ No ☐ Vehicle within ILS protected area other than expected/intended - Aircraft on final approach - ID _____ Type/Suffix _____												Describe where on the airport surface the occurrence occurred			
13b. Vehicle information:															
Vehicle type:			Vehicle ID			Facility communicating with vehicle			Position communicating with vehicle			Frequency			
☐ Airport Operator ☐ Contractor ☐ FAA ☐ A/C not for flight ☐ Tug ☐ Tug with aircraft ☐ Other (summary)															
14. MOR type - airport environment MORs involving pedestrian on the airport surface:												14a. Occurrence location:			
☐ Pedestrian on movement area/runway safety area other than expected/intended - Aircraft within one-mile of landing threshold? ☐ Yes ☐ No												Describe where on the airport surface the occurrence occurred			
14b. Pedestrian name (if known):															

Air Traffic Mandatory Occurrence Report

PGD-M-2016/06/17-0001

SUMMARY	
	J1. Summary – provide a brief summary for all MORs in this section that will provide enough information for QA to understand what occurred. Include information about items that require additional information in the specific MOR you are reporting. N8161X LANDING RWY 22 LOST CONTROL AND WENT OFF THE RWY INTO THE GRASS ON LEFT SIDE.

Air Traffic Mandatory Occurrence Report

PGD-M-2016/06/17-0001

SEPARATION		
Was this a loss of separation?		
☐ Yes ☐ No	Applicable Separation Rule:	
Separation Used:		
☐ Course Divergence	☐ MARSAs	☐ Mode C Interface
☐ Procedure/Waiver	☐ Report/Observe Leaving Altitude	☐ Terminal Transition
☐ VFR Aircraft	☐ Visual Approach	☐ Visual Separation
☐ Opposite Course (Report Passing)	☐ Other Facility	☐ Tower Visual Separation
☐ Other		
RISK ANALYSIS		
Was this a Risk Analysis Event?		
☐ Yes ☒ No	RAE Score:	
PILOT DEVIATION		
Was this a possible pilot deviation?		
☐ Yes ☒ No	Preliminary Number:	
SURFACE EVENT		
Was this a possible Surface Event?		
☒ Yes ☐ No	Classification: <u>RE</u>	
VEHICLE/PEDESTRIAN DEVIATION		
Was this a possible Vehicle/Pedestrian Deviation?		
☐ Yes ☐ No	Preliminary Number:	
NMAC		
Was this a NMAC?		
☐ Yes ☐ No	NMAC Number:	

Air Traffic Mandatory Occurrence Report

PGD-M-2016/06/17-0001

Runway Safety Findings	
	6/17/2016, 1708 (2208z), RE, Punta Gorda, FL (PDG). N8161X, PA28, on landing roll Runway Two Two (22), inadvertently veered left off the runway and rested in the grass area. PGD-M-2016/06/17-0001

Air Traffic Mandatory Occurrence Report

PGD-M-2016/06/17-0001

QA SUMMARY	
	MOR reviewed. N8161X, PA28, on landing roll Runway Two Two (22), inadvertently veered left off the runway and rested in the grass area.

Figure 3 – PGD Mandatory Occurrence Report (MOR) PGD-M-2016/06/17-001

MD80
AIRCRAFT MAINTENANCE MANUAL

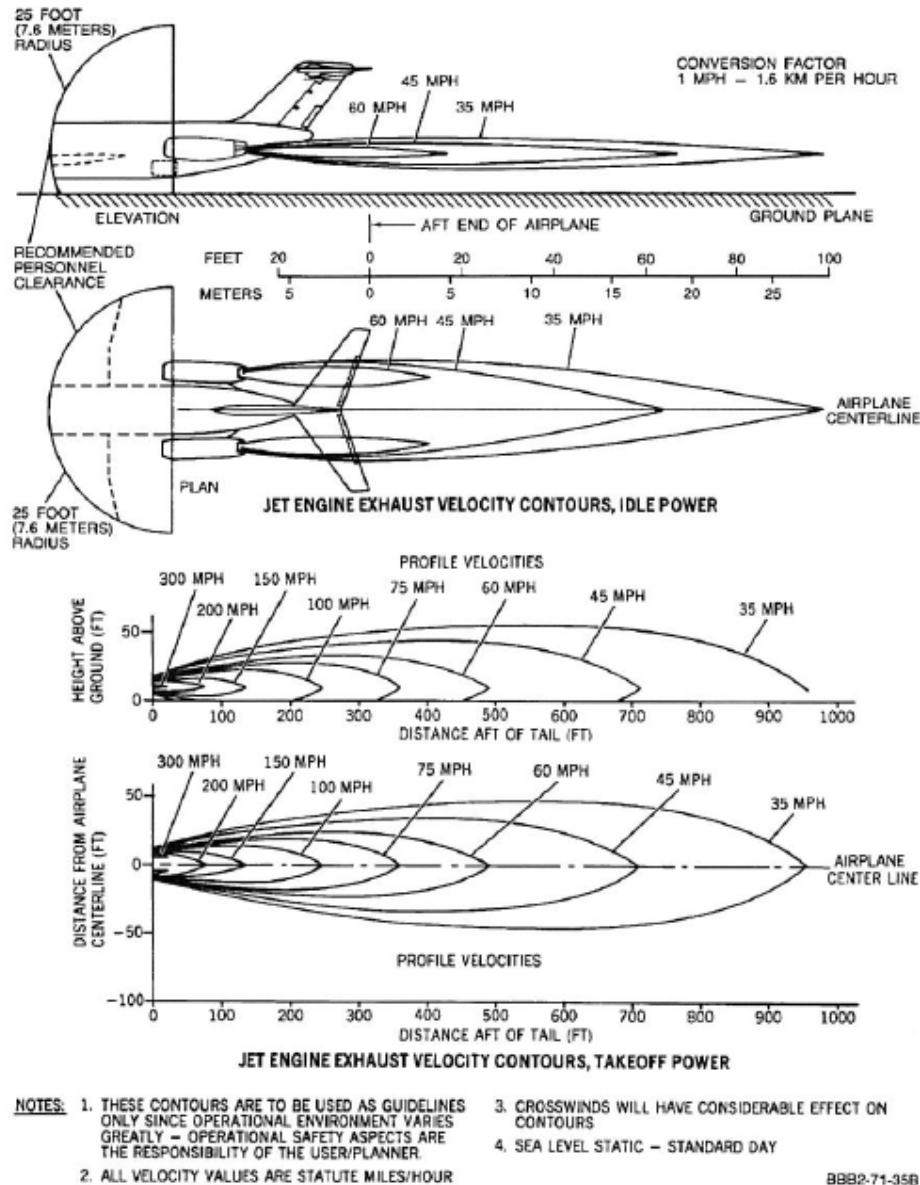


Figure 501. Engine Restricted Areas -- JT8D-209 Engine
Sheet 1 of 1
WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

Figure 4 – MD80 Series Aircraft Jet Exhaust Velocity Contours



Figure 5 – N8161X belly mounted camera capture over the approach end of runway 22 at PGD on June 17, 2016



Figure 6- N8161X on landing rollout runway 22 at PGD



Figure 7 – N8161X right wing lifting and right main landing gear off the runway just prior to the runway excursion.



Figure 8 - N8161X departing the left side of runway 22 at PGD.