

2015 Phenomenal

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Featuring Darren Hardy
Publisher and Founding Editor of **SUCCESS Magazine**

CONFERENCE

**Do You Have a
PHENOMENAL
Flight Plan?**



PHENOM 100[®]
BY EMBRAER

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U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		(FAA USE ONLY) <input type="checkbox"/> PILOT BRIEFING <input type="checkbox"/> VNR		TIME STARTED		SPECIALIST INITIALS	
FLIGHT PLAN		<input type="checkbox"/> STOPOVER					
1 TYPE	2 AIRCRAFT IDENTIFICATION	3 AIRCRAFT TYPE/SPECIAL EQUIPMENT	4 TRUE AIRSPEED	5 DEPARTURE POINT	6 DEPARTURE TIME		7 CRUISING ALTITUDE
<input type="checkbox"/> VFR					PROPOSED (Z) ACTUAL (Z)		
<input type="checkbox"/> IFR			KTS				
<input type="checkbox"/> DVFR							
8 ROUTE OF FLIGHT							
9 DESTINATION (Name of airport and city)		10 EST. TIME ENROUTE		11 REMARKS			
		HOURS MINUTES					
12 FUEL ON BOARD		13 ALTERNATE AIRPORT(S)		14 PILOT'S NAME, ADDRESS & TELEPHONE NUMBER & AIRCRAFT HOME BASE			15 NUMBER ABOARD
HOURS	MINUTES			17 DESTINATION CONTACT/TELEPHONE (OPTIONAL)			
16 COLOR OF AIRCRAFT		CIVIL AIRCRAFT PILOTS. FAR Part 91 requires you file an IFR flight plan to operate under instrument flight rules in controlled airspace. Failure to file could result in a civil penalty not to exceed \$1,000 for each violation (Section 901 of the Federal Aviation Act of 1958, as amended). Filing of a VFR flight plan is recommended as a good operating practice. See also Part 99 for requirements concerning DVFR flight plans.					

FAA Form 7233-1 (8-82) CLOSE VFR FLIGHT PLAN WITH _____ FSS ON ARRIVAL

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BEFORE START

CUSTOMS/CANPASS ----- UPDATED
REFLIGHT ----- COMPLETE
OG BOOK / NAV PLS ----- ON BOARD
OXYGEN SYSTEM ----- PLUGGED & CHECKED
OXYGEN CONTROL VALVES ----- NORMAL
B'S IN
JL SWITCHES ----- OFF / NORM / AUTO
TANDBY ATT ----- CHECKED & ON
GENERATORS ----- GEN (OFF IF GPU START)
DOT WARMERS ----- OPEN
HROTTLERS ----- OFF
ATT BMER ----- CHECKED
ATTERY ON ----- CHECKED
EAR HANDLE ----- DOWN & 2 GREEN NO RED
ARKING BRAKE ----- SET
PU ----- CONNECTED
VIONICS ----- ON
ARINING SYS ----- CHECKED
ROSSPEED ----- CHECKED
VERTERS ----- CHECK SYNC
RESS / ENVIRO ----- CHECK & SET
RIM / FLAPS ----- CHECK & SET
VR ----- TESTED
UTOPILOT ----- TESTED
TIS & CLEARANCE ----- OBTAINED
PS CHECKED/SET
ATA/T.O. BRIEF ----- COMPLETED
LOCKS/BUGS ----- SET
AX ADVISORY ----- ON
OFFEE ----- ON
JEL ----- SUFF / BAL

DORS ----- CLOSED
EACON ----- ON
VIONICS/INVERTER ----- OFF
RECH AIR ----- OFF
VG INST ----- CHECK
TART ----- 1 OR 2
PEED BRAKES ----- CHECK
TART ----- 1 OR 2

→ = THROUGH FLIGHT ITEMS

AFTER START

PU ----- DISCONNECT
ENERATORS ----- ON & CHECKED
VIONICS POWER/INVERTER ----- ON
PS ----- ON
VTH-ICE & W/S BLEED ----- SET
XT LIGHTS ----- AS REQ'D
TANDBY ATT ----- ON
RESS SOURCE / FREON ----- AS REQ'D
VIONICS COOLING FAN ----- CHECK
UTOPILOT ----- CHECK
YRO PRESSURE ----- CHECK
ELTS&HARNESSES ----- FASTENED

TAXI

BRAKES / NWS ----- CHECKED
ANTI-SKID ----- ON
CONTROLS ----- CHECKED
TRIMS ----- SET 3 WAYS
FLAPS ----- SET
STANDBY ATT ----- UNCAGED
THRUST REVERSERS ----- TEST & STOWED
FLT INST'S / AVIONICS ----- SET
FLIGHT DIRECTOR ----- GA / HDG / ALT SELECT
ENGINE INST ----- CHECK
FUEL ----- SUFF / BAL
DATA / T.O. BRIEF ----- COMPLETE
ANTI-ICE & W/S BLEED ----- CHECK
2 FANS / EMER PRESS ----- CHECK
TCAS ----- TA

BEFORE TAKEOFF

EXT LIGHTS ----- ON
ANTI-ICE/W/S BLEED ----- AS REQ'D
RADAR ----- ON
TRANSPONDER ----- TA/RA
PRESS SOURCE ----- NORM

IGNITION ----- ON
PITOT HEAT ----- ON
ANNUNCIATORS ----- CLEAR

SIMPLIFIED T/O DATA

RUNWAY AVAILABLE > or = 5000 feet		
WT.	<13000	<12500
PRESS	<3000	<5000
ALT		
TEMP.	-7C-	-7C-
	+25C	+25C
V1	106	103
VR	106	103
V2	114	111
VENR	149	143

TAKE-OFF M1 97.3%
CLIMB S.E. 95.1%

FLAPS 15
ANTI-ICE OFF
NO TAILWIND
DRY RUNWAY / NO GRADIENT
NO OBSTACLES

AFTER TAKEOFF (@ 10,000 FT)

IGNITION ----- NORM
A/S BUGS AND VREF ----- SET
CLIMB POWER ----- SET
PAX ADVISORY ----- AS REQ'D
LIGHTS ----- OFF
GEAR LIGHTS ----- UP & NO RED
PRESSURIZATION / TEMP ----- CHECK
FLAPS ----- UP
YAW DAMPER ----- ON
T/O TIME ----- RECORD

TRANSITION

ALTIMETERS ----- SET
AIR CONDITIONER ----- OFF OR FAN
OXYGEN MASKS ----- PLUGGED / CHECKED
OXYGEN CONTROL VALVES ----- NORMAL
BEACON ----- BEACON
REC OG LIGHTS ----- OFF

CRUISE

ANNUNCIATOR PANEL ----- MONITOR
ENGINE INSTRUMENTS ----- MONITOR
FUEL ----- MONITOR
PRESSURIZATION/OXYGEN ----- CHECK
PASSENGER COMFORT ----- CHECK
TRIMS ----- CHECK
ENGINE TREND ----- RECORD IN JOURNEY LOG

DESCENT

FOOT WARMERS ----- CLOSE
DEFOG FAN ----- ON
AIRFLOW ----- COCKPIT
PRESSURIZATION / TEMP ----- SET
ANTI-ICE & W/S BLEED ----- AS REQ'D
FUEL ----- CHECK
OB'S ----- IN
STANDBY ALTIMETER ----- SET
ATIS / DATA / BRIEF ----- COMPLETE
RBO / TAXI / CUSTOMS ----- CALL AND CONFIRM

TRANSITION

ALTIMETERS L / R ----- SET
REC OG LIGHTS ----- ON
BEACON ----- ON/TAIL

APPROACH

COFFEE ----- OFF
ALTIMETERS L / R ----- SET
ENGINE SYNC ----- OFF
BELTS & HARNESSES ----- FASTENED
PAX ADVISORY ----- ON
AVIONICS / FLT INST / BUGS ----- SET
RADAR ALTIMETER ----- SET
FUEL CROSSFEED ----- OFF

LANDING DATA

WT.	14,000	13,000	12,000	11,000	10,000	9,000	8,000
VREF	114	110	106	101	97	92	87

IN ICING CONDITIONS INCREASE VREF BY
30 KTS CLEAN
20 KTS FLAPS APPROACH
10 KTS FLAPS FULL

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**THE HOWARD PARTRIDGE
“SIMPLE-DIMPLE”
BUSINESS PLAN**

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