



New Format Flight Release Tutorial

START OF COMPANY FLIGHT PLAN MCI-ATL

AIRCRAFT B752T OUT OFF
 TYPE B752 ON IN

CREW INFORMATION:

DISP: MIKE COLLIER /.....
 PIC: /.....

Captain Signature Line

FUEL CALCULATION			WEIGHT/FUEL BREAK DOWN		
BIAS	1000		ZFW	176168	184400
TAXI	1000		T/O MIN	22684	76600
KATL	15070	01.31	PLANNED TOW	199660	255000
			ENROUTE BURN	15070	
ALT	NONE	00.00	PLANNED LDW	184591	198000
RSV	6000	00.45	ARRIVAL FOB	7614	
EXTRA	0000	00.00			
HOLD	1615	00.15			

Min fuel required at start of takeoff roll. T/O Min is Min fuel minus taxi burn.

MIN 23684 02.31

Min Fuel Required At Push-back and total fuel endurance time

REMARKS :

- FLIGHT PLANNED WITHOUT ALTERNATE:
- BASED ON ZERO WIND CALCULATION
- ATL ALTERNATES:

	DIST	BURN	TIME
-BHM	141NM	3515	00.27
-BNA	211NM	4422	00.38
-CLT	222NM	4444	00.39
-JAX	260NM	5510	00.40

IATA Identifier, distance, fuel burn, and enroute time for the four nearest alternates to destination

-BURN/TIME WITH 050 KT HEADWIND: 17908/01.45
 -BURN/TIME WITH 100 KT HEADWIND: 19467/02.04

Fuel burn and time differences for 50 and 100 knot headwinds. Pilots will need to interpolate based on current forecasted winds aloft.

-HOLD FUEL 30MIN: 3230
 45MIN: 4845
 60MIN: 6460

Text Route Description: KMCI.LAKES5.COU..FAM..BNA.ERLIN5.ATL

RTE VIA :
 LAKES5-COU / DCT-FAM / DCT-BNA / ERLIN5-KATL / (APT-KATL)
 DIST 621 GCI 103 CP H000 ESAD 621 CRSM NCR

Planned cruise altitude / flight level

FLIGHT PROFILE :
 COU/F370

Detailed Navigation Plan For Route of Flight

[FF]

FLIGHTPLAN:

AWY	POS	FREQ	FL	MT	DIST	TME	ATO	ETO	ETA	EET	FUEL	FOB	RFU
	KMCI					0.00	....	....	....	/0.00	0	/.....	22684
LAKES5	ANX	114.00	F100	107	030.5	0.05	....	....	....	/00.05	1228	/.....	21456
LAKES5	FRANC		F290	088	059.9	0.10	....	....	....	/00.15	3580	/.....	19104
LAKES5	COU	110.20	F370	110	031.8	0.05	....	....	....	/00.20	4608	/.....	18076
DCT	FAM	115.70	F370	123	115.9	0.15	....	....	....	/00.35	6358	/.....	16326
DCT	BNA	114.10	F370	116	193.9	0.25	....	....	....	/01.00	9262	/.....	13422
ERLIN5	DRAKK		F370	149	028.0	0.02	....	....	....	/01.02	10884	/.....	11800
ERLIN5	NEUTO		F380	150	047.9	0.06	....	....	....	/01.08	12275	/.....	10409
ERLIN5	RMG	115.40	F170	150	065.4	0.12	....	....	....	/01.20	12974	/.....	9710
ERLIN5	ERLIN		F120	132	006.6	0.01	....	....	....	/01.21	13283	/.....	9401
ERLIN5	DALAS		F120	137	011.9	0.02	....	....	....	/01.23	13550	/.....	9134
ERLIN5	STUTZ		F120	137	008.5	0.02	....	....	....	/01.25	13741	/.....	8943

ERLIN5 KATL F010 135 019.8 0.04 / / / 01.29 13876 /8808
KATL 0.00 / / / 01.31 15042 /7614

[FF]

Lat/Long Coordinates for planned Nav Aids and Fixes

WAYPOINTS AND WINDS : ENROUTE

ICAO FREQ LATITUDE LONGITUDE MAG WD° KTS TMP WC NAME

AIRPORTS:

KMCI 39°17.9N 094°42.8W +003.0 KANSAS CITY INTL
KATL 33°38.2N 084°25.7W -002.0 HARTSFIELD-JACKSON AT

WAYPOINTS:

ANX	114.00	39°05.7N	094°07.7W	+007.0	/	000	NAPOLEON
FRANC		39°00.5N	092°51.0W	+001.7	/	000	
COU	110.20	38°48.6N	092°13.1W	+003.0	/	000	COLUMBIA
FAM	115.70	37°40.4N	090°14.0W	+001.0	/	000	Åø
BNA	114.10	36°08.2N	086°41.1W	-002.0	/	000	Åø
DRAKK		35°44.8N	086°22.1W	-003.0	/	000	
NEUTO		35°04.7N	085°50.0W	-003.3	/	000	
RMG	115.40	34°09.8N	085°07.2W	+001.0	/	000	ROME
ERLIN		34°05.2N	085°01.3W	-003.8	/	000	
DALAS		33°57.1N	084°50.9W	-003.2	/	000	
STUTZ		33°51.3N	084°43.4W	-003.9	/	000	
KATL		33°38.2N	084°25.7W	-002.0	/	000	

END OF COMPANY FLIGHTPLAN

ETOPS Differences

-HOLD FUEL 30MIN: 3230
45MIN: 4845
60MIN: 6460

ETP/SUITABLE ENROUTE ALTERNATE DATA USING 180 MINUTE RULE
ETP FOR KSFO/PHTO 1052 NM TIME 0248 ETP N28478 W139105
ETP/FOB 031023 CRITICAL FUBO 030537/ 0015 NM BEFORE DIALO
ENG OUT TIME FRM ETP 0227

RTE VIA :
PRCH9-DINTY / R576-OGG / DCT-OGG / (APT-PHOG)
DIST 2160 GCI 100 CP H050 ESAD 2432 CRSM NCR
FLIGHT PROFILE :
DINTY/F360

For 180 minute ETOPS flights to the Hawaiian Islands the flight release will contain a data block with some important engine-out information. A similar 120 minute or 180 minute data block will appear on the North Atlantic releases.

ETP/SUITABLE ENROUTE ALTERNATE DATA USING 180 MINUTE RULE:
Self Explanatory. Denotes the ETOPS rule being used.

ETP FOR KSFO/PHTO 1052 NM TIME 0248 ETP N28478 W139105:
Equal Time Point (ETP) based on en route alternates of San Francisco/SFO and Hilo/ITO. Distance to ETP from departure airport is 1052 miles, 2 hours 48 minutes from departure time, and the lat/long coordinates for the ETP.

ETP/FOB 031023 CRITICAL FUBO 030537/ 0015 NM BEFORE DIALO:
The projected fuel on board at the ETP, the fuel burn based on most critical scenario (two-engines operating, depressurization, with divert to SFO or ITO at 10,000 feet), and a plain English description of the location of the ETP.

ENG OUT TIME FRM ETP 0227:
Engine out flying time to SFO/ITO from the ETP, 2 hours and 27 minutes.