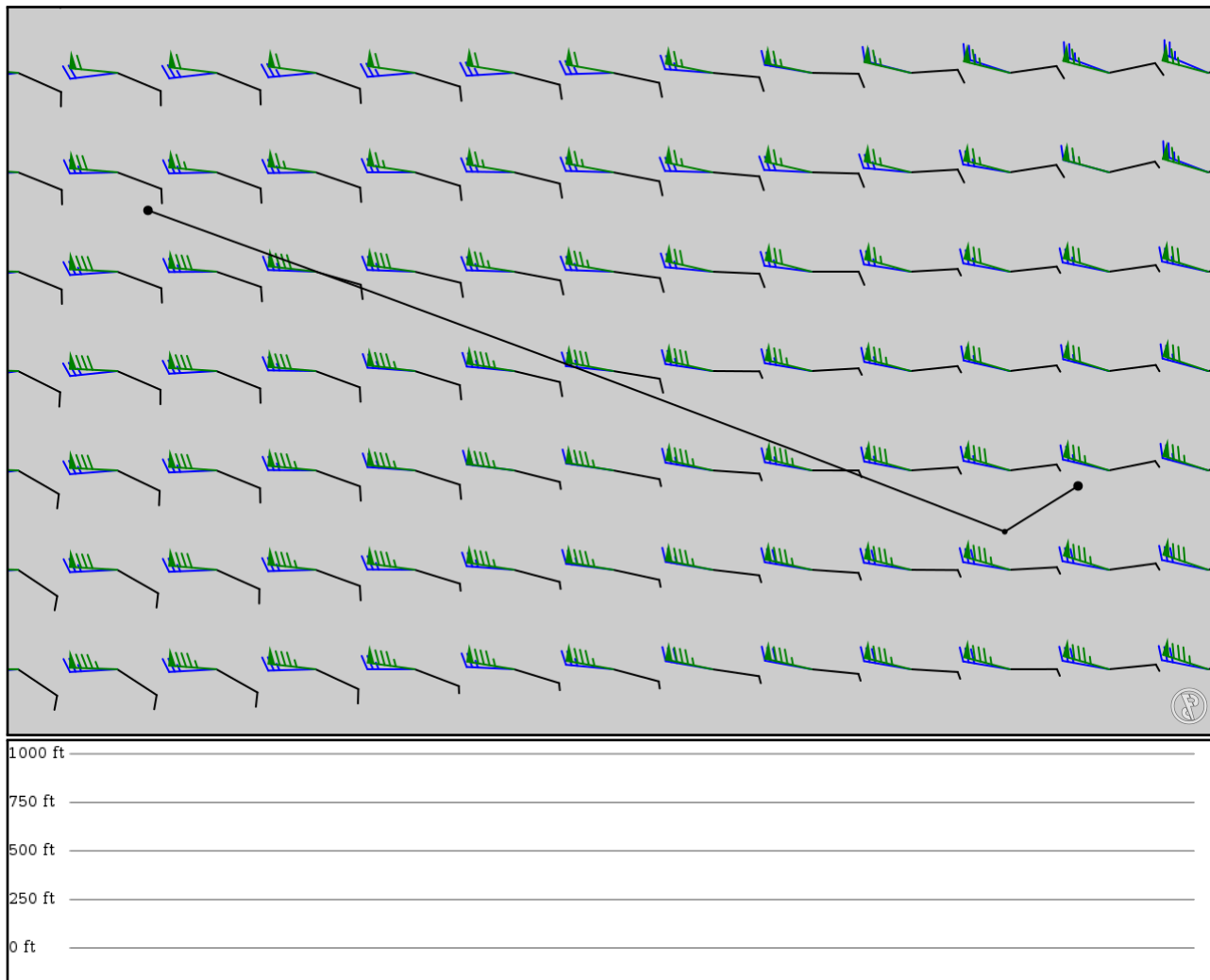


2024/06/09 2129Z

KBRL KFSW KDSM

129.88 nm / 240.54 km



Notes

Requested: KBRL KFSW KDSM

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
KBRL	-	40.78369	0 ft	-	SOUTHEAST IOWA RGNL
APT	-	-91.12572	0 m		
KFSW	-	40.65931	0 ft	11	FORT MADISON MUNI
APT	-	-91.32572	0 m		
KDSM	-	41.53397	0 ft	118	Des Moines Intl
APT	-	-93.66307	0 m		

KBRL

Region: UNITED STATES
Timezone: AMERICA/CHICAGO
Runways: 2

Elevation: 698 ft / 213 m
Location: 40.783700 -91.125700
Magnetic Var: 1.568 W

METAR

KBRL 092053Z AUTO 31015G26KT 10SM CLR 28/04 A2993 RMK A02 PK WND 31026/2003 SLP132 T02780044 56012

TAF

KBRL 091740Z 0918/1018 31014G23KT P6SM SKC FM100100 36008KT P6SM SKC FM101300 01008KT P6SM SKC

Frequencies

REC - 118.02 MHz - ASOS

COM - 123.00 MHz - CTAF/UNICOM

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
18	150 ft	6,712 ft	179.55	ASPHALT	1,210 ft	0 ft
	46 m	2,046 m	181.12		369 m	0 m
36	150 ft	6,712 ft	359.55	ASPHALT	0 ft	0 ft
	46 m	2,046 m	1.12		0 m	0 m
12	100 ft	5,343 ft	119.65	CONCRETE	0 ft	0 ft
	30 m	1,628 m	121.22		0 m	0 m
30	100 ft	5,343 ft	299.66	CONCRETE	500 ft	0 ft
	30 m	1,628 m	301.23		152 m	0 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
36	LOC-ILS	IBRL	108.90 MHz	18 nm	359.54	-	692 ft
				33 km	1.11		692 m
36	GS	IBRL	108.90 MHz	10 nm	0.10	3.00	683 ft
				19 km	1.67		683 m

KDSM

Region: UNITED STATES
Timezone: AMERICA/CHICAGO
Runways: 2

Elevation: 958 ft / 292 m
Location: 41.534000 -93.663100
Magnetic Var: 0.278 E

METAR

KDSM 092054Z 01013G19KT 10SM FEW100 FEW250 29/05 A3001 RMK A02 SLP156 T02890050 57007 \$

TAF

KDSM 091728Z 0918/1018 31012KT P6SM SKC FM092000 34013G23KT P6SM FEW250 FM100300 35007KT P6SM SKC

Frequencies

REC - 119.45 MHz - DES MOINES ATIS	COM - 122.95 MHz - DES MOINES UNICOM
GND - 121.90 MHz - DES MOINES GROUND	TWR - 118.30 MHz - DES MOINES TOWER
CLD - 134.15 MHz - DES MOINES CLEARANCE DELIVERY	DEP - 123.90 MHz - DES MOINES DEPARTURE
DEP - 118.60 MHz - DES MOINES DEPARTURE	APP - 123.90 MHz - DES MOINES APPROACH
APP - 118.60 MHz - DES MOINES APPROACH	APP - 135.20 MHz - DES MOINES APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
05	150 ft	8,995 ft	53.73	CONCRETE	0 ft	200 ft
	46 m	2,742 m	53.45		0 m	61 m
23	150 ft	8,995 ft	233.75	CONCRETE	0 ft	696 ft
	46 m	2,742 m	233.47		0 m	212 m
13	150 ft	8,996 ft	132.45	CONCRETE	0 ft	499 ft
	46 m	2,742 m	132.17		0 m	152 m
31	150 ft	8,996 ft	312.47	CONCRETE	121 ft	499 ft
	46 m	2,742 m	312.19		37 m	152 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
05	DME	IDWW	111.50 MHz	18 nm	-	-	939 ft
				33 km	-		939 m
31	DME	IDSM	110.30 MHz	18 nm	-	-	919 ft
				33 km	-		919 m
05	LOC-ILS	IDWW	111.50 MHz	18 nm	53.74	-	958 ft
				33 km	53.46		958 m
13	LOC-ILS	IVGU	111.90 MHz	18 nm	132.46	-	958 ft
				33 km	132.18		958 m
31	LOC-ILS	IDSM	110.30 MHz	18 nm	312.46	-	958 ft
				33 km	312.18		958 m
05	GS	IDWW	111.50 MHz	10 nm	53.74	3.00	958 ft
				19 km	53.46		958 m
13	GS	IVGU	111.90 MHz	10 nm	132.46	3.00	958 ft
				19 km	132.18		958 m
31	GS	IDSM	110.30 MHz	10 nm	312.46	3.00	958 ft
				19 km	312.18		958 m