Southwest Airlines 1248
Chicago Midway Airport
December 8, 2005
DCA06MA009

National Transportation Safety Board
Washington, DC

Survival Factors Group Chairman's Report

Attachment 3

MDW Friction Test Log, Snow Log, Airfield Temperature Logs, and Airfield Condition Reports

47 pages

Friction Log

DATE	TIME	RWY	A	B	C	AVG
12/4/05	0845	4R	67	80	70	72
	0856	31R	65	74	74	71
	0911	22R	69	43	27	46
	0936	31L	83	86	86	85
	1023	31C	81	66	53	67
12/5/05	0310 MRS	31C	69	75	65	69
	0313	~~4R~~ 13R	~~78~~	~~72~~	77	75
	0316	31R	71	73	78	74
	0319	22R	75	73	76	74
	0321	4R	66	62	71	67
12/6/05	1134	31C	82	80	75	79
"	1219	4L	64	84	69	72
"	1227	22L	83	71	67	74
"	1232	31L	81	75	50	69
"	1236	13L	71	71	82	75
12-8-05	1436	4R	40	37	31	36
12-8-05	1454	31C	27	51	56	45
12-8-05	1525	4R	60	61	61	61
12-8-05	1543	31C	57	61	37	52
	1607	FOND 4R	36	45	46	42
	1617	Bowmonk 4R	62	62	50	58
	1629	Bowmonk 31C	58	61	64	57
	1634	FOND 4R	28	31	30	30
12/8/05	1707	Bowmonk 31C	52	58	54	.58
12/8/05	1711	31C	.57	.48	.49	.51
12/8/05	1747	Towns 13C	.23	.26	.25	.25
12/8/05	1752	Bowmonk 13C	.42	.43	.41	.42
12/8/05	1800	Bowmonk 4R	.63	.67	.71	.69
12/8/05	1847	Bowmonk 31C	.72	.59	.68	.67
12/8/05	1859	Towns 31C	.59	.45	.37	.47
12/8/05	1922	Bowmonk 31C	.41	.40	.38	.40
12/8/05	2145	Bowmonk 4R	.58	.67	.65	.62
12/8/05	2218	Bowmonk 4R	.62	.64	.50	.58

Snow log

72

1538 Brooming in progress on 31C & Deicing
1546 FT on 31C .57, .61, .37 = .32
1552 All equipment is clear of 31C
1554 SWA 737 PIREP 31C Fair
1556 De Icer team returning to AMC to Top off
1607 Brooming in progress on 4R
1603 Frontier A319 PIREP F
1607 D 21532 08011 V 1/2 SN FZFG VV003 -4/-6/3016 FL8 31C <= 31C D: 4R
1609 Brooms have 8 brooms up.
1611 SWA PIREP F
1612 Plow team on W to N to P to terminal Ramp.
1617 Brooming in progress on 31C
1617 FT 4R .36 .45 .46 = .42 Ford
Brunnk .62 .62 .50 = .56 4R
1622 Airport reports F 1st 2nd 3rd; Nil at the end.
1625 Brown team continuing on 31C from 4C to B hyst
1641 Broom on W to 4R
1643 Brooming in progress on 4R
1643 SWA 737 PIREP F 31C
1648 SWA 737 PIREP F 31C
1654 Brooms on way to 31C. SWA737 PIREP F to P at the end of 13C
1655 Rwy 4R clsd. Fa/Ast on 31C
1702 Brooming in progress on 31C
1706 Brooming complete on 31C
1707 FT .52 .51 .54 = .52 31C
1712 SWA PIREP P on 31C.
1715 SWA PIREP
1717 Brooms on 31C

2

1727 F-P Brownout .57 .48, 49 -, 51
1727 SWA PIREP Poor 31C
1731 RVR 31C 3000.
1731 Plowing in progress on F to 13C approach
1737 All arrivals has been slowed to taxiing speed at my 4L by 31C.
1752 Brooms on the way to 4R.
1854 SWA 737 PIREP F
1857 Brooming in progress on 4R.
1801 7.7" as of 1400
1802 Plows on 4R NW edge.
1806 Brooms going to 31C. Plows on P & N twy.
1813 SWA 737 F-P
1814 SWA 737 PIREP F 31C.
1820 SWA 737 PIREP F-P 31C.
1825 Const. Labors notified to meet the Brooms on the 31C Pad.
1828 SWA 737 F-P PIREP 31C
1832 Brooms on 31C, Plow on A twy off.
Deicer 9 on 31C.
1834 Departure off of 4R.
1839 Plowing in progress on Bhysc to N to twy P to twy E.
1843 HIS; N 00242 D911 V3/4 -SN BR OVC003 -31-4/3007. IIS 31C 4/31C D: 4R.
1844 Broom on 31C Pad being cleaned.
1848 Plows on twy P.
1849 UAL A319 PIREP 31C
1851 Brownout .72 .59, 68-.67 31C 1/8-4 Setrwetsnw
1853 PIREP SWA 737 F-P at the end.
1909 PIREP SWA 737 G 1st 2 3/4 Poor last 3rd
[redacted]
[redacted]
[redacted]

12/8/05 1914 Bdn Kilo & Ty 7 wheel trucks of the 737 SWA 1248.
1923 Broom 3 & Plow on 4Rq
1928 Plows on 22L Turn offs.
1955 1 Broom is down on 4R-22L, 377 is down to 8 brooms.
2010 hrs. Broom Team on 4R Transitions.
"P" Yankee and Quebec.
2030 Plow Team on SE of 4R.
2045 Deicer Team on standby.
2100 hrs. Broom Team on 4R.
2140 hrs. Deicer Team on 4R
2135 hrs Broom Team getting beds cleaned on 4R PAP 2145 hrs. 50/63/65 AVG 62.
2145 hrs. Deicer Team CANX ~~on~~ 4R-22L
2215 hrs. Broom Team back on 4R.
2217 hrs. Plow Team on SE corner working on Twy routes for 4R.
2218 hrs 4R 62/64/50/AVG 58
1/16" 100%.
224 ohrs.

to: Kankakee FSS

Notam

Entries listed in Ascending Date/Time Order

12/08/2005 08:22-- NOTAM --Field Conditions Posted Date: 12/08/2005 08:22 By: GEM closed date: 12/08/2005 08:22 by: GEM (LogID: 36804)
All Airfield
4R-22L Clear/Dry
4L-22R Clear/Dry
13L-31R Clear/Dry
13C-31C Clear/Dry
13R-31L Clear/Dry
Taxiways 75% Clear/Dry. 25% Wet with deicer residue. Widely scattered areas packed snow 1/16``
Ramps/Other 50% Clear/Dry. 50% Wet with deicer residue.
FAA:
Closed date: 12/08/2005 08:22 Closed user: GEM

12/08/2005 14:00-- NOTAM --Field Conditions Posted Date: 12/08/2005 14:00 By: JMF closed date: 12/08/2005 14:00 by: JMF (LogID: 36814)
All Airfield
4R-22L Clear/Wet
4L-22R Clear/Wet
13L-31R Clear/Wet
13C-31C Clear/Wet
13R-31L Clear/Wet
Taxiways Clear/Wet
Ramps/Other Clear/Wet
FAA:
Closed date: 12/08/2005 14:00 Closed user: JMF

12/08/2005 14:30-- NOTAM --Field Conditions Posted Date: 12/08/2005 14:30 By: JMF closed date: 12/08/2005 14:30 by: JMF (LogID: 36818)
All Airfield
4R-22L 50% Clear/Wet, 50% Scatterd 1/16" wet snow
4L-22R 50% Clear/Wet, 50% Scatterd 1/16" wet snow
13L-31R 50% Clear/Wet, 50% Scatterd 1/16" wet snow
13C-31C 50% Clear/Wet, 50% Scatterd 1/16" wet snow
13R-31L 50% Clear/Wet, 50% Scatterd 1/16" wet snow
Taxiways 70% Scatterd 1/16" wet snow, 30% Clear/wet
Ramps/Other 70% Scatterd 1/16" wet snow, 30% Clear/wet
FAA:
Closed date: 12/08/2005 14:30 Closed user: JMF

12/08/2005 14:32-- NOTAM --Field Conditions Posted Date: 12/08/2005 14:32 By: JMF closed date: 12/08/2005 14:32 by: JMF (LogID: 36822)
All Airfield
4R-22L 50% Clear/Wet, 50% Scatterd 1/16" wet snow
4L-22R 50% Clear/Wet, 50% Scatterd 1/16" wet snow
13L-31R 50% Clear/Wet, 50% Scatterd 1/16" wet snow
13C-31C 50% Clear/Wet, 50% Scatterd 1/16" wet snow
PIREP Good
13R-31L 50% Clear/Wet, 50% Scatterd 1/16" wet snow
Taxiways 70% Scatterd 1/16" wet snow, 30% Clear/wet
Ramps/Other 70% Scatterd 1/16" wet snow, 30% Clear/wet
FAA:
Closed date: 12/08/2005 14:32 Closed user: JMF

12/08/2005 15:43-- NOTAM --Field Conditions Posted Date: 12/08/2005 15:43 By: JMF closed date: 12/08/2005 15:43 by: JMF (LogID: 36834)
All Airfield
4R-22L 50% Clear/Wet, 50% 1/16" wet snow PLOWING IN PROGRESS
MU Friction Value (FORD) .60/ .61/ .61 = .61
4L-22R CLOSED
13L-31R CLOSED
13C-31C 80% Clear/Wet, 20% 1/16" wet snow PLOWING IN PROGRESS

5

Notam

Entries listed in Ascending Date/Time Order

13R-31L CLOSED
Taxiways 3/4" WET SNOW
Ramps/Other 3/4 " WET SNOW
FAA:
Closed date: 12/08/2005 15:43 Closed user: JMF

12/08/2005 17:29-- NOTAM --Field Conditions Posted Date: 12/08/2005 17:29 By: JMF closed date: 12/08/2005 17:29
by: JMF (LogID: 36872)
All Airfield
4R-22L CLSD- SNOW REMOVAL IN PROGRESS
4L-22R CLOSED
13L-31R CLOSED
13C-31C 90% Trace wet snow, 10% wdly sct. 1/4" wet snow on rwy edges. Snow removal in progress.
MU Friction Value (Bowmonk) 1727hrs. .57/.48/.49 avg.=.51
13R-31L CLOSED
Taxiways Varying coverages up to 2.5" wet snow
Ramps/Other Varying coverages up to 2.5" wet snow
FAA:
Closed date: 12/08/2005 17:29 Closed user: JMF

12/08/2005 18:04-- NOTAM --Field Conditions Posted Date: 12/08/2005 18:04 By: JMF closed date: 12/08/2005 18:04
by: JMF (LogID: 36876)
All Airfield
4R-22L CLSD- SNOW REMOVAL IN PROGRESS
4L-22R CLOSED
13L-31R CLOSED
13C-31C 60% sct. packed snow, 40% clear and wet. Snow removal in progress.
MU Friction Value (Bowmonk) 1752hrs. .42/.43/.41 avg.=.42
13R-31L CLOSED
Taxiways Varying coverages up to 3.0" wet snow
Ramps/Other Varying coverages up to 3.0" wet snow
FAA:
Closed date: 12/08/2005 18:04 Closed user: JMF

12/08/2005 18:50-- NOTAM --Field Conditions Posted Date: 12/08/2005 18:50 By: JMF closed date: 12/08/2005 18:50
by: JMF (LogID: 36888)
All Airfield
4R-22L CLSD- SNOW REMOVAL IN PROGRESS
4L-22R CLOSED
13L-31R CLOSED
13C-31C 90% trace-1/16" wet snow, 10% clear and wet. Snow removal in progress.
MU Friction Value (Bowmonk) 1847hrs. .72/.59/.68 avg.=.67
13R-31L CLOSED
Taxiways Varying coverages up to 3.0" wet snow
Ramps/Other Varying coverages up to 3.0" wet snow
FAA:
Closed date: 12/08/2005 18:50 Closed user: JMF

1914 ACTUAL

12/08/2005 20:37-- NOTAM --Field Conditions Posted Date: 12/08/2005 20:37 By: JMF closed date: 12/08/2005 20:37
by: JMF (LogID: 36956)
All Airfield
4R-22L CLSD- SNOW REMOVAL IN PROGRESS
4L-22R CLOSED
13L-31R CLOSED
13C-31C Clsd
13R-31L CLOSED
Taxiways Varying coverages up to 3.0" wet snow
Ramps/Other Varying coverages up to 3.0" wet snow
FAA:
Closed date: 12/08/2005 20:37 Closed user: JMF

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Notam

Entries listed in Ascending Date/Time Order

12/08/2005 20:39-- NOTAM --Field Conditions Posted Date: 12/08/2005 20:39 By: GSH closed date: 12/08/2005 20:39
by: GSH (LogID: 36958)
All Airfield
4R-22L CLSD- SNOW REMOVAL IN PROGRESS
4L-22R CLOSED
13L-31R CLOSED
13C-31C Clsd
13R-31L CLOSED
Taxiways Varying coverages up to 3.0" wet snow
Ramps/Other Varying coverages up to 3.0" wet snow
FAA:
Closed date: 12/08/2005 20:39 Closed user: GSH

12/08/2005 20:41-- NOTAM --Field Conditions Posted Date: 12/08/2005 20:41 By: GSH closed date: 12/08/2005 20:41
by: GSH (LogID: 36962)
All Airfield
4R-22L CLSD- SNOW REMOVAL IN PROGRESS
4L-22R CLOSED
13L-31R CLOSED
13C-31C Clsd
13R-31L CLOSED
Taxiways Varying coverages up to 3.0" wet snow
Ramps/Other Varying coverages up to 3.0" wet snow
FAA:
Closed date: 12/08/2005 20:41 Closed user: GSH

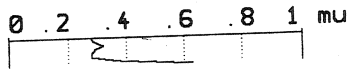
12/08/2005 20:47-- NOTAM --Field Conditions Posted Date: 12/08/2005 20:47 By: GSH closed date: 12/08/2005 20:47
by: GSH (LogID: 36966)
All Airfield
4R-22L CLSD- SNOW REMOVAL IN PROGRESS
4L-22R CLOSED
13L-31R CLOSED
13C-31C Clsd
13R-31L CLOSED
Taxiways Varying coverages up to 3.0" wet snow
Ramps/Other Varying coverages up to 3.0" wet snow
FAA:
Closed date: 12/08/2005 20:47 Closed user: GSH

12/08/2005 20:52-- NOTAM --Field Conditions Posted Date: 12/08/2005 20:52 By: GSH closed date: 12/08/2005 20:52
by: GSH (LogID: 36968)
All Airfield
4R-22L Closed
4L-22R Closed
13L-31R Closed
13C-31C Closed
13R-31L Closed
Taxiways Closed
Ramps/Other Closed
FAA:
Closed date: 12/08/2005 20:52 Closed user: GSH

	A	B	C	t
RWY04R	.40	.37	.31	.36

RWY04R 2005-12-08 14:36

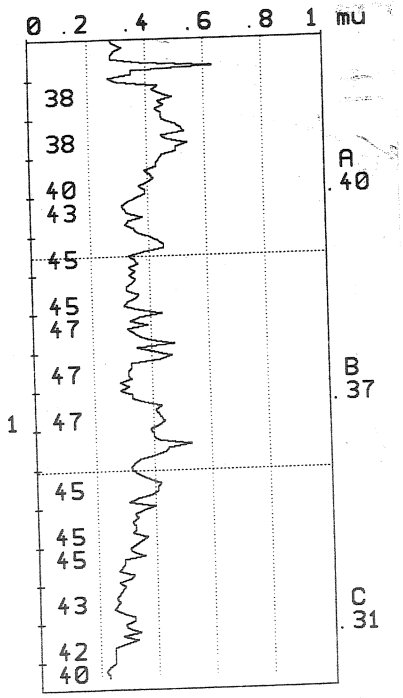
ABC 5446ft



	A	B	C	t
RWY04R	.40	.37	.31	.36

RWY04R 2005-12-08 14:36

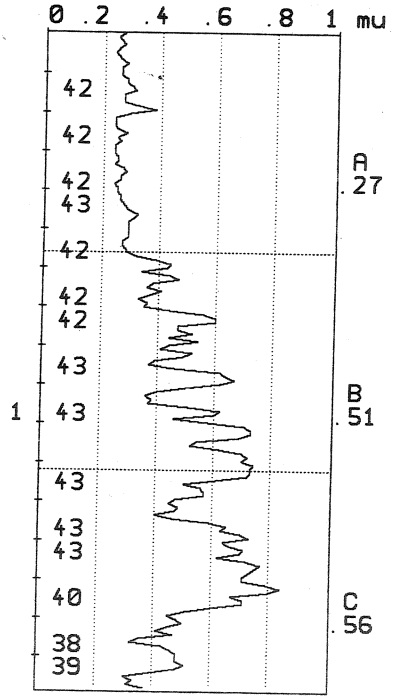
ABC 5446ft



	A	B	C	t
RWY31C	.27	.51	.56	.45

RWY31C 2005-12-08 14:54

ABC 5511ft

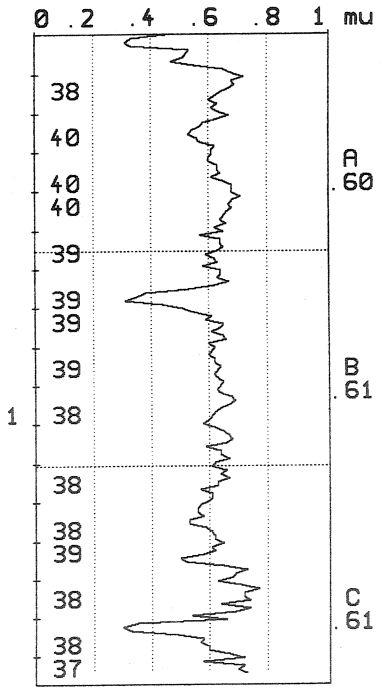


Meas Computer OnLine
Calibration Checked
2005-12-08 15:09:51

	A	B	C	t
RWY04R	.60	.61	.61	.61

RWY04R 2005-12-08 15:25

ABC 5446ft

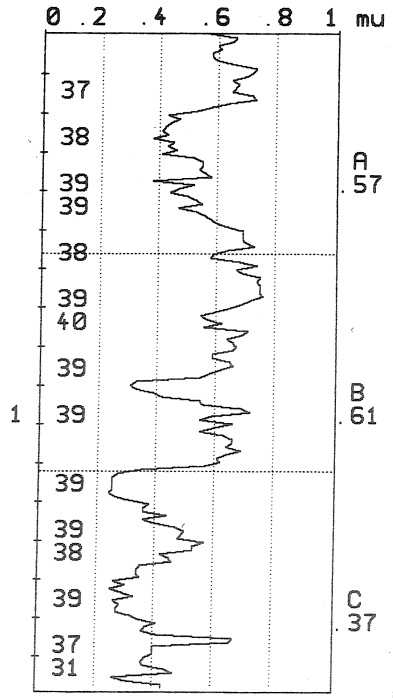


Meas Computer OnLine
Calibration Checked
2005-12-08 15:40:23

	A	B	C	t
RWY31C	.57	.61	.37	.52

RWY31C 2005-12-08 15:43

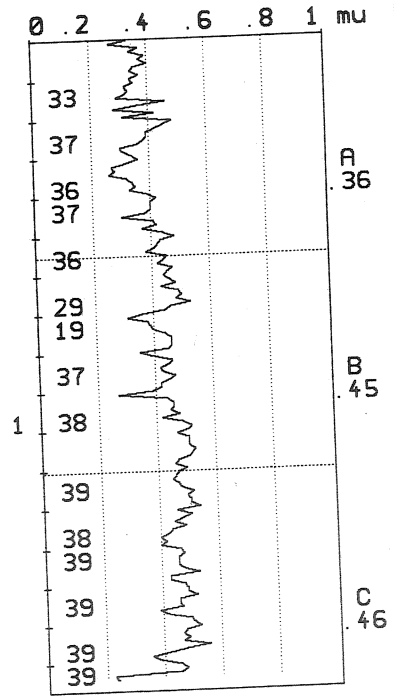
ABC 5511ft



	A	B	C	t
RWY04R	.36	.45	.46	.42

RWY04R 2005-12-08 16:07

ABC 5446ft



AIRFIELD FRICTION
MDW

Test	Friction Max %g	Time	Date
1	57	16:10 on	08-DEC-05
2	61	16:10 on	08-DEC-05
3	62	16:10 on	08-DEC-05
4	68	16:11 on	08-DEC-05
5	56	16:11 on	08-DEC-05
6	59	16:12 on	08-DEC-05
7	69	16:13 on	08-DEC-05
8	59	16:15 on	08-DEC-05
9	60	16:16 on	08-DEC-05
10	57	16:16 on	08-DEC-05
11	31	16:16 on	08-DEC-05

Number of tests NOT divisible by THREE
First 2 will be EXCLUDED from averages

1st 1/3 average 62 % g [6 %]
2nd 1/3 average 62 % g [7 %]
3rd 1/3 average 50 % g [-14 %]

Overall Average 58 % g

Runway ID: 4R_____
Operator ID: MGC_____

Signature _____

Test 11 carried out 16:17 on 08-DEC-05
Serial No: 12182 Next Cal: 26-OCT-06
Software Rev W3.53 Bowmonk Instruments

AIRFIELD FRICTION
MDW

Test	Friction Max %g	Time	Date
1	54	16:22 on	08-DEC-05
2	58	16:23 on	08-DEC-05
3	57	16:23 on	08-DEC-05
4	59	16:24 on	08-DEC-05
5	63	16:24 on	08-DEC-05
6	59	16:24 on	08-DEC-05
7	54	16:29 on	08-DEC-05
8	53	16:29 on	08-DEC-05

Number of tests NOT divisible by THREE
First 2 will be EXCLUDED from averages

1st 1/3 average	58	% g	[0 %]
2nd 1/3 average	61	% g	[5 %]
3rd 1/3 average	54	% g	[-6 %]

Overall Average 57 % g

Runway ID: 31C_____
Operator ID: MGC_____

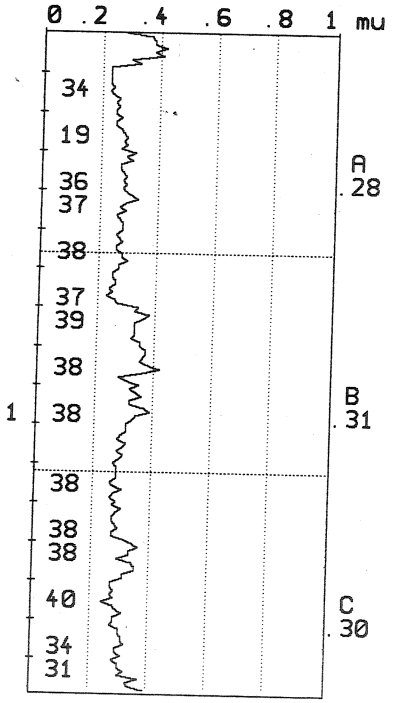
Signature _____

Test 8 carried out 16:29 on 08-DEC-05
Serial No: 12182 Next Cal: 26-OCT-06
Software Rev W3.53 Bowmonk Instruments

	A	B	C	t
RWY31C	.28	.31	.30	.30

RWY31C 2005-12-08 16:34

ABC 5511ft



AIRFIELD FRICTION
MDW

Test	Friction Max %g	Time	Date
1	54	17:06 on	08-DEC-05
2	51	17:06 on	08-DEC-05
3	52	17:07 on	08-DEC-05
4	52	17:07 on	08-DEC-05
5	53	17:08 on	08-DEC-05
6	47	17:09 on	08-DEC-05
7	52	17:09 on	08-DEC-05
8	60	17:10 on	08-DEC-05
9	48	17:10 on	08-DEC-05

1st 1/3 average	52	% g	[0 %]
2nd 1/3 average	50	% g	[-3 %]
3rd 1/3 average	54	% g	[2 %]

Overall Average 52 % g

Runway ID: 31C_____
Operator ID: MGC_____

Signature _____

Test 9 carried out 17:10 on 08-DEC-05
Serial No: 12182 Next Cal: 26-OCT-06
Software Rev W3.53 Bowmonk Instruments

AIRFIELD FRICTION
MDW

Test	Friction Max %g	Time	Date
1	43	17:23 on	08-DEC-05
2	52	17:23 on	08-DEC-05
3	61	17:23 on	08-DEC-05
4	57	17:24 on	08-DEC-05
5	49	17:24 on	08-DEC-05
6	54	17:25 on	08-DEC-05
7	42	17:25 on	08-DEC-05
8	46	17:26 on	08-DEC-05
9	50	17:26 on	08-DEC-05
10	52	17:27 on	08-DEC-05

Number of tests NOT divisible by THREE
First 1 will be EXCLUDED from averages

1st 1/3 average	57	% g	[10 %]
2nd 1/3 average	48	% g	[-6 %]
3rd 1/3 average	49	% g	[-4 %]

Overall Average 51 % g

Runway ID: 31C_____
Operator ID: MGC_____

Signature _____

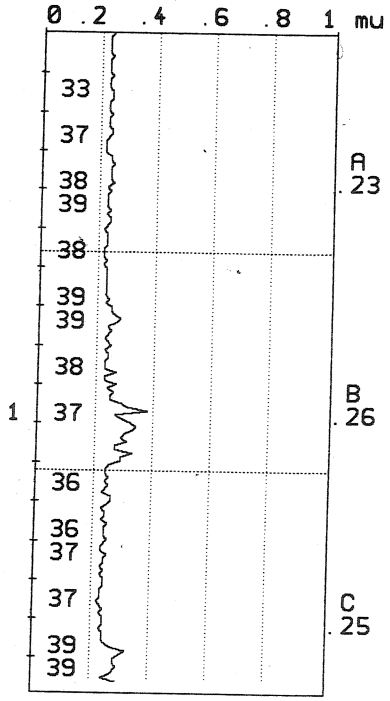
Test 10 carried out 17:27 on 08-DEC-05
Serial No: 12182 Next Cal: 26-OCT-06
Software Rev W3.53 Bowmonk Instruments

Meas Computer OnLine
Calibration Checked
2005-12-08 17:46:42

	A	B	C	t
RWY13C	.23	.26	.25	.25

RWY13C 2005-12-08 17:47

ABC 5511ft



AIRFIELD FRICTION
MDW

Test	Friction Max %g	Time	Date
1	44	17:53 on	08-DEC-05
2	45	17:53 on	08-DEC-05
3	39	17:53 on	08-DEC-05
4	49	17:55 on	08-DEC-05
5	37	17:55 on	08-DEC-05
6	39	17:55 on	08-DEC-05
7	42	17:56 on	08-DEC-05

Number of tests NOT divisible by THREE
First 1 will be EXCLUDED from averages

1st 1/3 average	42	% g	[0 %]
2nd 1/3 average	43	% g	[2 %]
3rd 1/3 average	41	% g	[-2 %]

Overall Average 42 % g

Runway ID: 13C_____
Operator ID: MGC_____

Signature _____

Test 7 carried out 17:56 on 08-DEC-05
Serial No: 12182 Next Cal: 26-OCT-06
Software Rev W3.53 Bowmonk Instruments

AIRFIELD FRICTION
MDW

Test	Friction Max %g	Time	Date
1	65	18:05 on	08-DEC-05
2	65	18:06 on	08-DEC-05
3	51	18:06 on	08-DEC-05
4	74	18:07 on	08-DEC-05
5	65	18:07 on	08-DEC-05
6	63	18:08 on	08-DEC-05
7	70	18:08 on	08-DEC-05
8	67	18:09 on	08-DEC-05
9	70	18:09 on	08-DEC-05
10	79	18:09 on	08-DEC-05
11	81	18:10 on	08-DEC-05

Number of tests NOT divisible by THREE
First 2 will be EXCLUDED from averages

1st 1/3 average	63	% g	[-7 %]
2nd 1/3 average	67	% g	[-3 %]
3rd 1/3 average	77	% g	[11 %]

Overall Average 69 % g

Runway ID: 4R_____
Operator ID: MGC_____

Signature _____

Test 11 carried out 18:10 on 08-DEC-05
Serial No: 12182 Next Cal: 26-OCT-06
Software Rev W3.53 Bowmonk Instruments

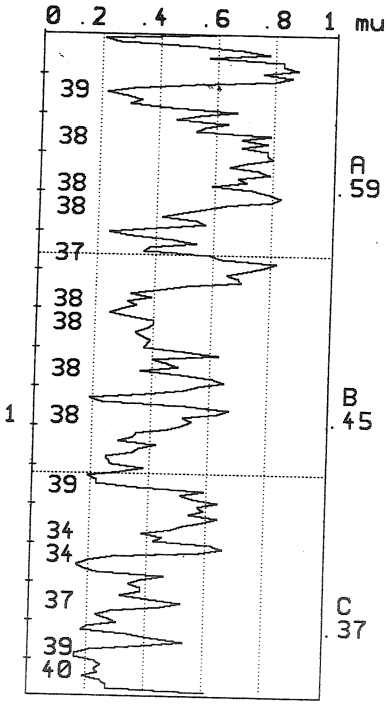
Meas Computer OnLine
Calibration Checked
2005-12-08 18:13:36

2005-12-08 Load Cal.2005
-12-08 Friction Cal.

	A	B	C	t
RWY31C	.59	.45	.37	.47

RWY31C 2005-12-08 18:39

ABC 5511ft



AIRFIELD FRICTION
MDW

Test	Friction Max %g	Time	Date
1	76	18:40 on	08-DEC-05
2	75	18:41 on	08-DEC-05
3	70	18:41 on	08-DEC-05
4	72	18:41 on	08-DEC-05
5	74	18:42 on	08-DEC-05
6	56	18:43 on	08-DEC-05
7	54	18:44 on	08-DEC-05
8	69	18:45 on	08-DEC-05
9	79	18:46 on	08-DEC-05
10	64	18:46 on	08-DEC-05
11	62	18:46 on	08-DEC-05

Number of tests NOT divisible by THREE
First 2 will be EXCLUDED from averages

1st 1/3 average 72 % g [8 %]
2nd 1/3 average 59 % g [-10 %]
3rd 1/3 average 68 % g [2 %]

Overall Average 67 % g

Runway ID: 31C_____
Operator ID: MGC_____

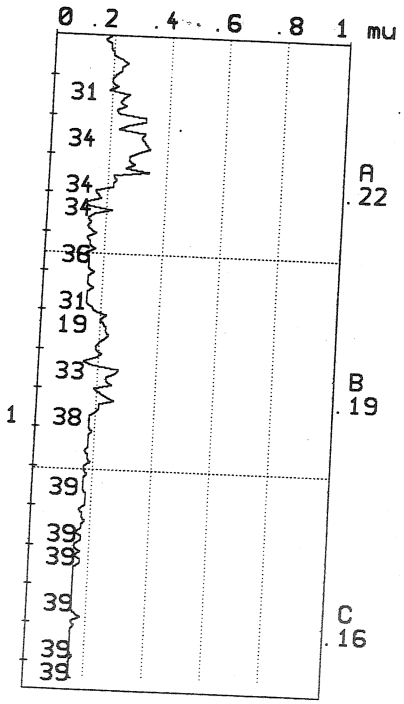
Signature _____

Test 11 carried out 18:47 on 08-DEC-05
Serial No: 12182 Next Cal: 26-OCT-06
Software Rev W3.53 Bowmonk Instruments

	A	B	C	t
RWY04R	.22	.19	.16	.19

RWY04R 2005-12-08 18:57

ABC 5446ft



AIRFIELD FRICTION
MDW

Test	Friction Max %g	Time	Date
1	44	19:22 on	08-DEC-05
2	33	19:22 on	08-DEC-05
3	46	19:23 on	08-DEC-05
4	45	19:24 on	08-DEC-05
5	38	19:24 on	08-DEC-05
6	38	19:25 on	08-DEC-05
7	38	19:26 on	08-DEC-05
8	38	19:26 on	08-DEC-05
9	39	19:26 on	08-DEC-05

1st 1/3 average 41 % g [2 %]
2nd 1/3 average 40 % g [1 %]
3rd 1/3 average 38 % g [-3 %]

Overall Average 40 % g

Runway ID: 31C
Operator ID: MGC

Signature _____

Test 9 carried out 19:27 on 08-DEC-05
Serial No: 12182 Next Cal: 26-OCT-06
Software Rev W3.53 Bowmonk Instruments

AIRFIELD FRICTION
MDW

Test	Friction Max %g	Time	Date
1	61	21:40 on	08-DEC-05
2	57	21:41 on	08-DEC-05
3	57	21:41 on	08-DEC-05
4	61	21:42 on	08-DEC-05
5	63	21:42 on	08-DEC-05
6	60	21:43 on	08-DEC-05
7	65	21:43 on	08-DEC-05
8	67	21:44 on	08-DEC-05
9	63	21:44 on	08-DEC-05
10	64	21:45 on	08-DEC-05

Number of tests NOT divisible by THREE
First 1 will be EXCLUDED from averages

1st 1/3 average	58	% g	[-5 %]
2nd 1/3 average	63	% g	[1 %]
3rd 1/3 average	65	% g	[4 %]

Overall Average 62 % g

Runway ID: 4R _____
Operator ID: LLA_____

Signature _____

Test 10 carried out 21:45 on 08-DEC-05
Serial No: 12183 Next Cal: 26-OCT-06
Software Rev W3.53 Bowmonk Instruments

AIRFIELD FRICTION
MDW

Test	Friction Max %g	Time	Date
1	51	22:13 on	08-DEC-05
2	56	22:13 on	08-DEC-05
3	66	22:14 on	08-DEC-05
4	64	22:14 on	08-DEC-05
5	63	22:15 on	08-DEC-05
6	68	22:16 on	08-DEC-05
7	61	22:16 on	08-DEC-05
8	58	22:17 on	08-DEC-05
9	55	22:17 on	08-DEC-05
10	36	22:18 on	08-DEC-05

Number of tests, NOT divisible by THREE
First 1 will be EXCLUDED from averages

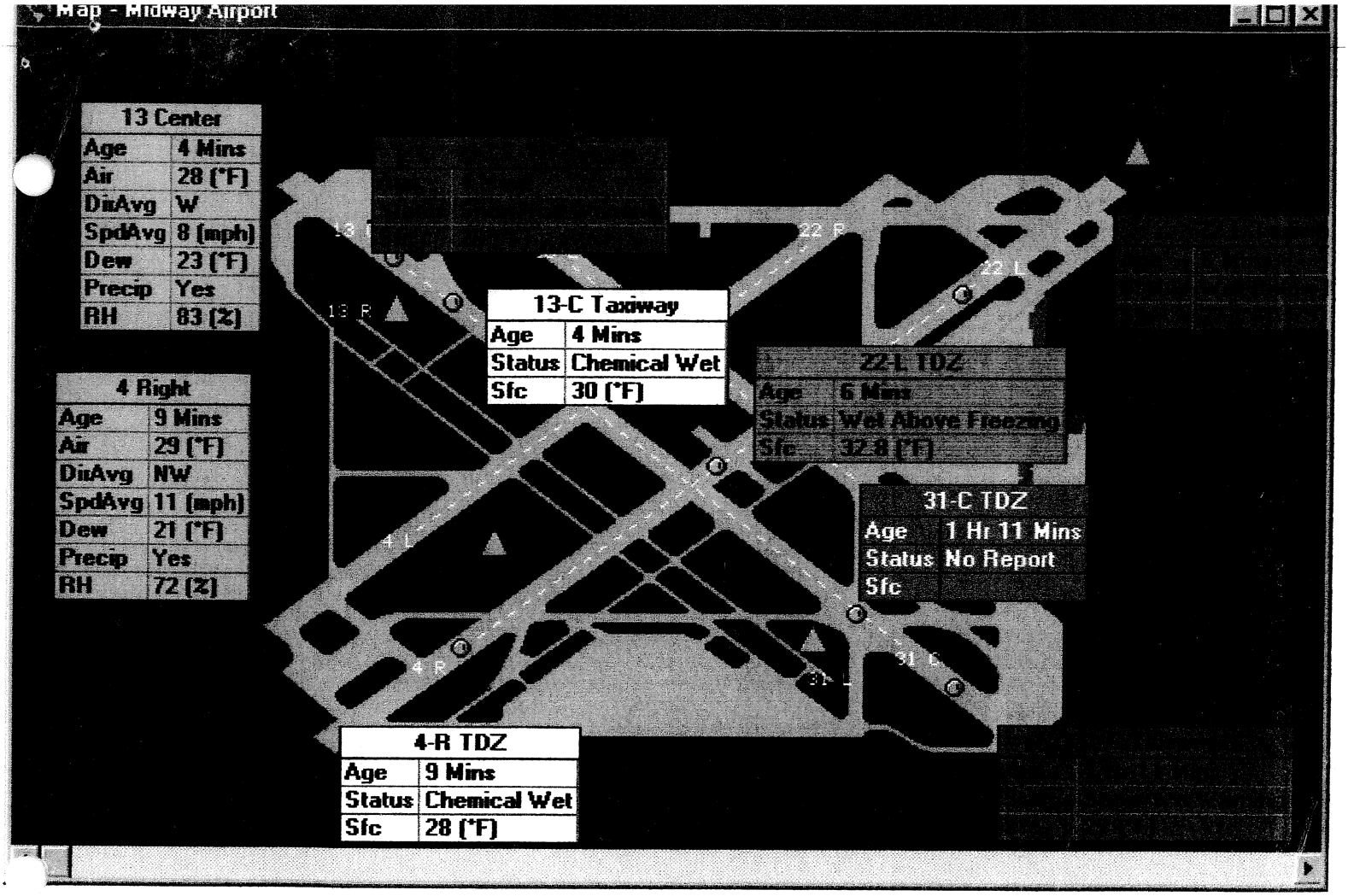
1st 1/3 average	62	% g	[6 %]
2nd 1/3 average	64	% g	[8 %]
3rd 1/3 average	50	% g	[-14 %]

Overall Average 58 % g

Runway ID: 4R _____
Operator ID: MGC_____

Signature _____

Test 10 carried out 22:18 on 08-DEC-05
Serial No: 12183 Next Cal: 26-OCT-06
Software Rev W3.53 Bowmonk Instruments


Map - Midway Airport
13 Center
Age 4 Mins
Air 28 (°F)
DirAvg W
SpdAvg 8 (mph)
Dew 23 (°F)
Precip Yes
RH 83 (%)
4 Right
Age 9 Mins
Air 29 (°F)
DirAvg NW
SpdAvg 11 (mph)
Dew 21 (°F)
Precip Yes
RH 72 (%)
13-C Taxiway
Age 4 Mins
Status Chemical Wet
Sfc 30 (°F)
22-L TDZ
Age 6 Mins
Status Wet Above Freezing
Sfc 32.8 (°F)
31-C TDZ
Age 1 Hr 11 Mins
Status No Report
Sfc
4-R TDZ
Age 9 Mins
Status Chemical Wet
Sfc 28 (°F)
13 R
22 R
22 L
4 R
31 L
31 C

SCAN for Windows History Report

mdw ops

31-C TDZ @ 31 Center

Date Time (CST)	Status	Sfc (°F)	Air (°F)	Dew (°F)	Type	Accum (in)	Rate (iph)	DirAvg	SpdAvg (mph)	Vis (mi)
12/8/2005 7:59 PM	No Report									
12/8/2005 7:49 PM	No Report									
12/8/2005 7:38 PM	No Report									
12/8/2005 7:29 PM	No Report									
12/8/2005 7:19 PM	No Report									
12/8/2005 7:07 PM	No Report									
12/8/2005 6:58 PM	No Report									
12/8/2005 6:48 PM	No Report									
12/8/2005 6:39 PM	No Report									
12/8/2005 6:28 PM	No Report									
12/8/2005 6:19 PM	No Report									
12/8/2005 6:09 PM	No Report									
12/8/2005 5:59 PM	No Report									
12/8/2005 5:49 PM	No Report									
12/8/2005 5:38 PM	No Report									
12/8/2005 5:28 PM	No Report									
12/8/2005 5:19 PM	No Report									

SCAN for Windows History Report

mdw ops

31-C TDZ @ 31 Center

Date Time (CST)	Status	Sfc (°F)	Air (°F)	Dew (°F)	Type	Accum (in)	Rate (iph)	DirAvg	SpdAvg (mph)	Vis (mi)
12/8/2005 5:09 PM	No Report									

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SCAN for Windows History Report

mdw ops

31-C Taxiway @ 31 Center

Date Time (CST)	Status	Sfc (°F)	Air (°F)	Dew (°F)	Type	Accum (in)	Rate (iph)	DirAvg	SpdAvg (mph)	Vis (mi)
12/8/2005 7:59 PM	Chem Wet	26								
12/8/2005 7:49 PM	Chem Wet	26								
12/8/2005 7:38 PM	Chem Wet	26								
12/8/2005 7:29 PM	Chem Wet	26								
12/8/2005 7:19 PM	Chem Wet	26								
12/8/2005 7:07 PM	Chem Wet	26								
12/8/2005 6:58 PM	Chem Wet	26								
12/8/2005 6:48 PM	Chem Wet	26								
12/8/2005 6:39 PM	Chem Wet	25								
12/8/2005 6:28 PM	Chem Wet	24								
12/8/2005 6:19 PM	Chem Wet	27								
12/8/2005 6:09 PM	Chem Wet	26								
12/8/2005 5:59 PM	Chem Wet	26								
12/8/2005 5:49 PM	Chem Wet	26								
12/8/2005 5:38 PM	Chem Wet	24								
12/8/2005 5:28 PM	S/I Warn	27								
12/8/2005 5:19 PM	S/I Warn	27								

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SCAN for Windows History Report

mdw ops

31-C Taxiway @ 31 Center

Date Time (CST)	Status	Sfc (°F)	Air (°F)	Dew (°F)	Type	Accum (in)	Rate (iph)	DirAvg	SpdAvg (mph)	Vis (mi)
12/8/2005 5:09 PM	S/I Warn	27								

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SCAN for Windows History Report

mdw ops

13-C Taxiway @ 13 Center

Date Time (CST)	Status	Sfc (°F)	Air (°F)	Dew (°F)	Type	Accum (in)	Rate (iph)	DirAvg	SpdAvg (mph)	Vis (mi)
12/8/2005 8:00 PM	Chem Wet	24	26	25	Yes			S	Calm	
12/8/2005 7:57 PM	Chem Wet	26	27	27	Yes			S	Calm	
12/8/2005 7:56 PM	Chem Wet	22	26	26	Yes			SW	Calm	
12/8/2005 7:55 PM	Chem Wet	26	26	25	Yes			SW	Calm	
12/8/2005 7:54 PM	Chem Wet	24	27	26	Yes			SW	Calm	
12/8/2005 7:51 PM	Chem Wet	27	25	24	Yes			SW	3	
12/8/2005 7:49 PM	Chem Wet	23	26	26	Yes			SW	3	
12/8/2005 7:45 PM	Chem Wet	26	26	25	Yes			SW	Calm	
12/8/2005 7:42 PM	Chem Wet	28	26	26	Yes			SW	Calm	
12/8/2005 7:40 PM	Chem Wet	29	25	24	Yes			SW	Calm	
12/8/2005 7:39 PM	Chem Wet	23	26	25	Yes			SW	Calm	
12/8/2005 7:38 PM	Chem Wet	26	27	27	Yes			SW	Calm	
12/8/2005 7:37 PM	Chem Wet	26	26	25	Yes			SW	Calm	
12/8/2005 7:35 PM	Chem Wet	26	26	25	Yes			SE	3	
12/8/2005 7:35 PM	Chem Wet	26	26	25	Yes			SE	3	
12/8/2005 7:35 PM	Chem Wet	25	26	25	Yes			SE	3	
12/8/2005 7:35 PM	Chem Wet	25	26	25	Yes			SE	3	

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SCAN for Windows History Report

mdw ops

13-C Taxiway @ 13 Center

Date Time (CST)	Status	Sfc (°F)	Air (°F)	Dew (°F)	Type	Accum (in)	Rate (iph)	DirAvg	SpdAvg (mph)	Vis (mi)
12/8/2005 7:32 PM	Chem Wet	24	25	25	Yes			S	Calm	
12/8/2005 7:30 PM	Chem Wet	28	25	24	Yes			S	4	
12/8/2005 7:27 PM	Chem Wet	25	26	25	Yes			SE	4	
12/8/2005 7:26 PM	Chem Wet	27	25	24	Yes			SE	3	
12/8/2005 7:25 PM	Chem Wet	24	24	23	Yes			SE	3	
12/8/2005 7:23 PM	Chem Wet	23	26	26	Yes			SE	4	
12/8/2005 7:22 PM	Chem Wet	28	25	24	Yes			S	3	
12/8/2005 7:20 PM	Chem Wet	26	25	24	Yes			SE	Calm	
12/8/2005 7:20 PM	Chem Wet	26	27	26	Yes			SE	Calm	
12/8/2005 7:20 PM	Chem Wet	23	25	24	Yes			SE	Calm	
12/8/2005 7:20 PM	Chem Wet	23	27	26	Yes			SE	Calm	
12/8/2005 7:19 PM	Chem Wet	26	25	24	Yes			SE	Calm	
12/8/2005 7:18 PM	Chem Wet	27	26	25	Yes			SE	Calm	
12/8/2005 7:17 PM	Chem Wet	28	25	24	Yes			SE	Calm	
12/8/2005 7:15 PM	Chem Wet	27	26	25	Yes			SE	3	
12/8/2005 7:13 PM	Chem Wet	23	27	26	Yes			E	4	
12/8/2005 7:12 PM	Chem Wet	26	26	26	Yes			E	4	
12/8/2005 7:11 PM	Chem Wet	28	25	24	Yes			E	4	

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SCAN for Windows History Report

mdw ops

13-C Taxiway @ 13 Center

Date Time (CST)	Status	Sfc (°F)	Air (°F)	Dew (°F)	Type	Accum (in)	Rate (iph)	DirAvg	SpdAvg (mph)	Vis (mi)
12/8/2005 7:10 PM	Chem Wet	26	25	24	Yes			E	4	
12/8/2005 7:09 PM	Chem Wet	27	25	24	Yes			E	6	
12/8/2005 7:08 PM	Chem Wet	26	27	27	Yes			E	6	
12/8/2005 7:07 PM	Chem Wet	26	26	25	Yes			E	6	
12/8/2005 7:06 PM	Chem Wet	26	25	24	Yes			E	6	
12/8/2005 7:05 PM	Chem Wet	25	26	26	Yes			E	6	
12/8/2005 7:03 PM	Chem Wet	25	27	27	Yes			E	6	
12/8/2005 7:03 PM	Chem Wet	25	27	26	Yes			E	6	
12/8/2005 7:03 PM	Chem Wet	26	27	27	Yes			E	6	
12/8/2005 7:03 PM	Chem Wet	26	27	26	Yes			E	6	
12/8/2005 7:00 PM	Chem Wet	25	27	27	Yes			SE	6	
12/8/2005 6:59 PM	Chem Wet	29	28	27	Yes			SE	7	
12/8/2005 6:55 PM	Chem Wet	25	26	26	Yes			SE	6	
12/8/2005 6:53 PM	Chem Wet	25	28	28	Yes			E	7	
12/8/2005 6:51 PM	Chem Wet	29	26	26	Yes			SE	7	
12/8/2005 6:47 PM	Chem Wet	25	25	24	Yes			E	8	
12/8/2005 6:45 PM	Chem Wet	26	27	26	Yes			E	7	

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SCAN for Windows History Report

mdw ops

13-C Taxiway @ 13 Center

Date Time (CST)	Status	Sfc (°F)	Air (°F)	Dew (°F)	Type	Accum (in)	Rate (iph)	DirAvg	SpdAvg (mph)	Vis (mi)
12/8/2005 6:43 PM	Chem Wet	25	26	25	Yes			E	7	
12/8/2005 6:42 PM	Chem Wet	25	26	25	Yes			E	9	
12/8/2005 6:41 PM	Chem Wet	25	28	27	Yes			E	9	
12/8/2005 6:40 PM	Chem Wet	24	28	28	Yes			E	8	
12/8/2005 6:39 PM	Chem Wet	24	26	25	Yes			E	11	
12/8/2005 6:38 PM	Chem Wet	29	26	25	Yes			E	9	
12/8/2005 6:36 PM	Chem Wet	20	27	27	Yes			E	7	
12/8/2005 6:35 PM	Chem Wet	24	27	26	Yes			E	7	
12/8/2005 6:34 PM	Chem Wet	24	27	26	Yes			NE	9	
12/8/2005 6:31 PM	Chem Wet	23	26	25	Yes			E	8	
12/8/2005 6:30 PM	Chem Wet	19	27	27	Yes			E	9	
12/8/2005 6:29 PM	Chem Wet	23	26	25	Yes			E	9	
12/8/2005 6:28 PM	Chem Wet	27	26	25	Yes			NE	9	
12/8/2005 6:25 PM	Chem Wet	28	27	27	Yes			E	6	
12/8/2005 6:23 PM	Chem Wet	27	26	25	Yes			E	9	
12/8/2005 6:21 PM	Chem Wet	31	27	26	Yes			E	9	
12/8/2005 6:19 PM	Chem Wet	31	27	26	Yes			E	9	
12/8/2005 6:19 PM	Chem Wet	31	26	25	Yes			E	9	

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SCAN for Windows History Report

mdw ops

13-C Taxiway @ 13 Center

Date Time (CST)	Status	Sfc (°F)	Air (°F)	Dew (°F)	Type	Accum (in)	Rate (iph)	DirAvg	SpdAvg (mph)	Vis (mi)
12/8/2005 6:19 PM	Chem Wet	27	27	26	Yes			E	9	
12/8/2005 6:19 PM	Chem Wet	27	26	25	Yes			E	9	
12/8/2005 6:17 PM	Chem Wet	25	28	28	Yes			E	9	
12/8/2005 6:15 PM	Chem Wet	28	27	26	Yes			E	6	
12/8/2005 6:13 PM	Chem Wet	27	27	26	Yes			E	7	
12/8/2005 6:12 PM	Chem Wet	29	28	27	Yes			E	9	
12/8/2005 6:11 PM	Chem Wet	29	26	25	Yes			E	8	
12/8/2005 6:07 PM	Chem Wet	28	27	26	Yes			E	9	
12/8/2005 6:06 PM	Chem Wet	24	28	27	Yes			E	9	
12/8/2005 6:05 PM	Chem Wet	29	27	27	Yes			E	9	
12/8/2005 6:03 PM	Chem Wet	31	26	25	Yes			E	9	
12/8/2005 5:59 PM	Chem Wet	28	26	26	Yes			E	9	
12/8/2005 5:57 PM	Chem Wet	24	28	27	Yes			E	11	
12/8/2005 5:56 PM	Chem Wet	26	28	28	Yes			E	11	
12/8/2005 5:55 PM	Chem Wet	28	26	25	Yes			E	11	
12/8/2005 5:52 PM	Chem Wet	26	26	25	Yes			E	12	
12/8/2005 5:51 PM	Chem Wet	26	28	27	Yes			E	12	

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SCAN for Windows History Report

mdw ops

13-C Taxiway @ 13 Center

Date Time (CST)	Status	Sfc (°F)	Air (°F)	Dew (°F)	Type	Accum (in)	Rate (iph)	DirAvg	SpdAvg (mph)	Vis (mi)
12/8/2005 5:50 PM	Chem Wet	29	26	25	Yes			E	13	
12/8/2005 5:49 PM	Chem Wet	26	26	25	Yes			E	11	
12/8/2005 5:48 PM	Chem Wet	23	28	27	Yes			E	10	
12/8/2005 5:45 PM	Chem Wet	24	27	26	Yes			E	10	
12/8/2005 5:44 PM	Chem Wet	26	28	28	Yes			E	11	
12/8/2005 5:40 PM	Chem Wet	29	26	25	Yes			E	13	
12/8/2005 5:39 PM	Chem Wet	28	27	26	Yes			E	11	
12/8/2005 5:38 PM	Chem Wet	27	28	28	Yes			NE	12	
12/8/2005 5:37 PM	Chem Wet	30	26	25	Yes			E	11	
12/8/2005 5:36 PM	Chem Wet	27	28	28	Yes			E	11	
12/8/2005 5:35 PM	Chem Wet	28	28	27	Yes			E	11	
12/8/2005 5:33 PM	Chem Wet	23	28	27	Yes			E	9	
12/8/2005 5:31 PM	Chem Wet	26	26	25	Yes			E	9	
12/8/2005 5:29 PM	Chem Wet	23	28	27	Yes			E	9	
12/8/2005 5:29 PM	Chem Wet	23	26	26	Yes			E	9	
12/8/2005 5:29 PM	Chem Wet	27	28	27	Yes			E	9	
12/8/2005 5:29 PM	Chem Wet	27	26	26	Yes			E	9	
12/8/2005 5:28 PM	Chem Wet	30	29	29	Yes			E	10	

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SCAN for Windows History Report

mdw ops

13-C Taxiway @ 13 Center

Date Time (CST)	Status	Sfc (°F)	Air (°F)	Dew (°F)	Type	Accum (in)	Rate (iph)	DirAvg	SpdAvg (mph)	Vis (mi)
12/8/2005 5:26 PM	Chem Wet	27	27	27	Yes			NE	13	
12/8/2005 5:25 PM	Chem Wet	27	26	26	Yes			NE	13	
12/8/2005 5:23 PM	Chem Wet	27	27	26	Yes			NE	12	
12/8/2005 5:21 PM	Chem Wet	27	27	26	Yes			E	11	
12/8/2005 5:20 PM	Chem Wet	27	26	25	Yes			E	11	
12/8/2005 5:19 PM	Chem Wet	26	26	25	Yes			E	12	
12/8/2005 5:18 PM	Chem Wet	27	27	26	Yes			E	11	
12/8/2005 5:17 PM	Chem Wet	26	28	28	Yes			E	10	
12/8/2005 5:16 PM	Chem Wet	24	27	26	Yes			E	11	
12/8/2005 5:15 PM	Chem Wet	29	25	25	Yes			E	11	
12/8/2005 5:13 PM	Chem Wet	29	26	26	Yes			NE	12	
12/8/2005 5:10 PM	Chem Wet	26	28	28	Yes			E	11	
12/8/2005 5:09 PM	Chem Wet	26	26	25	Yes			E	11	
12/8/2005 5:07 PM	Chem Wet	25	27	26	Yes			NE	11	
12/8/2005 5:05 PM	Chem Wet	27	29	28	Yes			E	9	
12/8/2005 5:03 PM	Chem Wet	25	26	25	Yes			NE	12	
12/8/2005 5:02 PM	Chem Wet	24	27	27	Yes			NE	11	

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SCAN for Windows History Report

mdw ops

13-C Taxiway @ 13 Center

Date Time (CST)	Status	Sfc (°F)	Air (°F)	Dew (°F)	Type	Accum (in)	Rate (iph)	DirAvg	SpdAvg (mph)	Vis (mi)
12/8/2005 5:01 PM	Chem Wet	26	28	28	Yes			E	11	
12/8/2005 5:00 PM	Chem Wet	26	28	28	Yes			E	12	

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SCAN for Windows History Report

mdw ops

13-C TDZ @ 13 Center

Date Time (CST)	Status	Sfc (°F)	Air (°F)	Dew (°F)	Type	Accum (in)	Rate (iph)	DirAvg	SpdAvg (mph)	Vis (mi)
12/8/2005 8:03 PM	Chem Wet	25	26	25	Yes			SW	Calm	
12/8/2005 8:00 PM	Chem Wet	27	26	25	Yes			S	Calm	
12/8/2005 7:57 PM	Chem Wet	25	27	27	Yes			S	Calm	
12/8/2005 7:56 PM	Chem Wet	21	26	26	Yes			SW	Calm	
12/8/2005 7:55 PM	Chem Wet	26	26	25	Yes			SW	Calm	
12/8/2005 7:54 PM	Chem Wet	26	27	26	Yes			SW	Calm	
12/8/2005 7:51 PM	Chem Wet	26	25	24	Yes			SW	3	
12/8/2005 7:49 PM	Chem Wet	23	26	26	Yes			SW	3	
12/8/2005 7:45 PM	Chem Wet	25	26	25	Yes			SW	Calm	
12/8/2005 7:42 PM	Chem Wet	27	26	26	Yes			SW	Calm	
12/8/2005 7:40 PM	Chem Wet	25	25	24	Yes			SW	Calm	
12/8/2005 7:39 PM	Chem Wet	21	26	25	Yes			SW	Calm	
12/8/2005 7:38 PM	Chem Wet	28	27	27	Yes			SW	Calm	
12/8/2005 7:37 PM	Chem Wet	29	26	25	Yes			SW	Calm	
12/8/2005 7:35 PM	Chem Wet	28	26	25	Yes			SE	3	
12/8/2005 7:35 PM	Chem Wet	28	26	25	Yes			SE	3	
12/8/2005 7:35 PM	Chem Wet	27	26	25	Yes			SE	3	

SCAN for Windows History Report

mdw ops

13-C TDZ @ 13 Center

Date Time (CST)	Status	Sfc (°F)	Air (°F)	Dew (°F)	Type	Accum (in)	Rate (iph)	DirAvg	SpdAvg (mph)	Vis (mi)
12/8/2005 7:35 PM	Chem Wet	27	26	25	Yes			SE	3	
12/8/2005 7:32 PM	Chem Wet	25	25	25	Yes			S	Calm	
12/8/2005 7:30 PM	Chem Wet	25	25	24	Yes			S	4	
12/8/2005 7:27 PM	Chem Wet	28	26	25	Yes			SE	4	
12/8/2005 7:26 PM	Chem Wet	27	25	24	Yes			SE	3	
12/8/2005 7:25 PM	Chem Wet	23	24	23	Yes			SE	3	
12/8/2005 7:23 PM	Chem Wet	22	26	26	Yes			SE	4	
12/8/2005 7:22 PM	Chem Wet	25	25	24	Yes			S	3	
12/8/2005 7:20 PM	Chem Wet	25	27	26	Yes			SE	Calm	
12/8/2005 7:20 PM	Chem Wet	25	25	24	Yes			SE	Calm	
12/8/2005 7:20 PM	Chem Wet	21	27	26	Yes			SE	Calm	
12/8/2005 7:20 PM	Chem Wet	21	25	24	Yes			SE	Calm	
12/8/2005 7:19 PM	Chem Wet	25	25	24	Yes			SE	Calm	
12/8/2005 7:18 PM	Chem Wet	23	26	25	Yes			SE	Calm	
12/8/2005 7:17 PM	Chem Wet	29	25	24	Yes			SE	Calm	
12/8/2005 7:15 PM	Chem Wet	25	26	25	Yes			SE	3	
12/8/2005 7:13 PM	Chem Wet	23	27	26	Yes			E	4	
12/8/2005 7:12 PM	Chem Wet	25	26	26	Yes			E	4	

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mdw ops

13-C TDZ @ 13 Center

Date Time (CST)	Status	Sfc (°F)	Air (°F)	Dew (°F)	Type	Accum (in)	Rate (iph)	DirAvg	SpdAvg (mph)	Vis (mi)
12/8/2005 7:11 PM	Chem Wet	28	25	24	Yes			E	4	
12/8/2005 7:10 PM	Chem Wet	25	25	24	Yes			E	4	
12/8/2005 7:09 PM	Chem Wet	27	25	24	Yes			E	6	
12/8/2005 7:08 PM	Chem Wet	25	27	27	Yes			E	6	
12/8/2005 7:07 PM	Chem Wet	28	26	25	Yes			E	6	
12/8/2005 7:06 PM	Chem Wet	25	25	24	Yes			E	6	
12/8/2005 7:05 PM	Chem Wet	24	26	26	Yes			E	6	
12/8/2005 7:03 PM	Chem Wet	23	27	27	Yes			E	6	
12/8/2005 7:03 PM	Chem Wet	23	27	26	Yes			E	6	
12/8/2005 7:03 PM	Chem Wet	27	27	27	Yes			E	6	
12/8/2005 7:03 PM	Chem Wet	27	27	26	Yes			E	6	
12/8/2005 7:00 PM	Chem Wet	24	27	27	Yes			SE	6	
12/8/2005 6:59 PM	Chem Wet	28	28	27	Yes			SE	7	
12/8/2005 6:55 PM	Chem Wet	25	26	26	Yes			SE	6	
12/8/2005 6:53 PM	Chem Wet	24	28	28	Yes			E	7	
12/8/2005 6:51 PM	Chem Wet	26	26	26	Yes			SE	7	
12/8/2005 6:47 PM	Chem Wet	24	25	24	Yes			E	8	

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13-C TDZ @ 13 Center

Date Time (CST)	Status	Sfc (°F)	Air (°F)	Dew (°F)	Type	Accum (in)	Rate (iph)	DirAvg	SpdAvg (mph)	Vis (mi)
12/8/2005 6:45 PM	Chem Wet	27	27	26	Yes			E	7	
12/8/2005 6:43 PM	Chem Wet	23	26	25	Yes			E	7	
12/8/2005 6:42 PM	Chem Wet	27	26	25	Yes			E	9	
12/8/2005 6:41 PM	Chem Wet	24	28	27	Yes			E	9	
12/8/2005 6:40 PM	Chem Wet	22	28	28	Yes			E	8	
12/8/2005 6:39 PM	Chem Wet	25	26	25	Yes			E	11	
12/8/2005 6:38 PM	Chem Wet	22	26	25	Yes			E	9	
12/8/2005 6:36 PM	Chem Wet	17	27	27	Yes			E	7	
12/8/2005 6:35 PM	Chem Wet	21	27	26	Yes			E	7	
12/8/2005 6:34 PM	Chem Wet	24	27	26	Yes			NE	9	
12/8/2005 6:31 PM	Chem Wet	22	26	25	Yes			E	8	
12/8/2005 6:30 PM	Chem Wet	20	27	27	Yes			E	9	
12/8/2005 6:29 PM	Chem Wet	28	26	25	Yes			E	9	
12/8/2005 6:28 PM	Chem Wet	27	26	25	Yes			NE	9	
12/8/2005 6:25 PM	Chem Wet	26	27	27	Yes			E	6	
12/8/2005 6:23 PM	Chem Wet	29	26	25	Yes			E	9	
12/8/2005 6:21 PM	Chem Wet	28	27	26	Yes			E	9	
12/8/2005 6:19 PM	Chem Wet	26	26	25	Yes			E	9	

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13-C TDZ @ 13 Center

Date Time (CST)	Status	Sfc (°F)	Air (°F)	Dew (°F)	Type	Accum (in)	Rate (iph)	DirAvg	SpdAvg (mph)	Vis (mi)
12/8/2005 6:19 PM	Chem Wet	26	27	26	Yes			E	9	
12/8/2005 6:19 PM	Chem Wet	27	26	25	Yes			E	9	
12/8/2005 6:19 PM	Chem Wet	27	27	26	Yes			E	9	
12/8/2005 6:17 PM	Chem Wet	27	28	28	Yes			E	9	
12/8/2005 6:15 PM	Chem Wet	26	27	26	Yes			E	6	
12/8/2005 6:13 PM	Chem Wet	26	27	26	Yes			E	7	
12/8/2005 6:12 PM	Chem Wet	22	28	27	Yes			E	9	
12/8/2005 6:11 PM	Chem Wet	30	26	25	Yes			E	8	
12/8/2005 6:07 PM	Chem Wet	26	27	26	Yes			E	9	
12/8/2005 6:06 PM	Chem Wet	21	28	27	Yes			E	9	
12/8/2005 6:05 PM	Chem Wet	26	27	27	Yes			E	9	
12/8/2005 6:03 PM	Chem Wet	24	26	25	Yes			E	9	
12/8/2005 5:59 PM	Chem Wet	26	26	26	Yes			E	9	
12/8/2005 5:57 PM	Chem Wet	27	28	27	Yes			E	11	
12/8/2005 5:56 PM	Chem Wet	29	28	28	Yes			E	11	
12/8/2005 5:55 PM	Chem Wet	25	26	25	Yes			E	11	
12/8/2005 5:52 PM	Chem Wet	26	26	25	Yes			E	12	

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13-C TDZ @ 13 Center

Date Time (CST)	Status	Sfc (°F)	Air (°F)	Dew (°F)	Type	Accum (in)	Rate (iph)	DirAvg	SpdAvg (mph)	Vis (mi)
12/8/2005 5:51 PM	Chem Wet	22	28	27	Yes			E	12	
12/8/2005 5:50 PM	Chem Wet	29	26	25	Yes			E	13	
12/8/2005 5:49 PM	Chem Wet	25	26	25	Yes			E	11	
12/8/2005 5:48 PM	S/I Warn	22	28	27	Yes			E	10	
12/8/2005 5:45 PM	S/I Warn	23	27	26	Yes			E	10	
12/8/2005 5:44 PM	S/I Warn	29	28	28	Yes			E	11	
12/8/2005 5:40 PM	S/I Warn	24	26	25	Yes			E	13	
12/8/2005 5:39 PM	S/I Warn	28	27	26	Yes			E	11	
12/8/2005 5:38 PM	S/I Warn	26	28	28	Yes			NE	12	
12/8/2005 5:37 PM	S/I Warn	30	26	25	Yes			E	11	
12/8/2005 5:36 PM	S/I Warn	29	28	28	Yes			E	11	
12/8/2005 5:35 PM	S/I Warn	30	28	27	Yes			E	11	
12/8/2005 5:33 PM	S/I Warn	23	28	27	Yes			E	9	
12/8/2005 5:31 PM	S/I Warn	26	26	25	Yes			E	9	
12/8/2005 5:29 PM	S/I Warn	22	28	27	Yes			E	9	
12/8/2005 5:29 PM	S/I Warn	22	26	26	Yes			E	9	
12/8/2005 5:29 PM	S/I Warn	30	28	27	Yes			E	9	
12/8/2005 5:29 PM	S/I Warn	30	26	26	Yes			E	9	

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13-C TDZ @ 13 Center

Date Time (CST)	Status	Sfc (°F)	Air (°F)	Dew (°F)	Type	Accum (in)	Rate (iph)	DirAvg	SpdAvg (mph)	Vis (mi)
12/8/2005 5:28 PM	S/I Warn	26	29	29	Yes			E	10	
12/8/2005 5:26 PM	S/I Warn	29	27	27	Yes			NE	13	
12/8/2005 5:25 PM	S/I Warn	25	26	26	Yes			NE	13	
12/8/2005 5:23 PM	S/I Warn	24	27	26	Yes			NE	12	
12/8/2005 5:21 PM	S/I Warn	26	27	26	Yes			E	11	
12/8/2005 5:20 PM	S/I Warn	31	26	25	Yes			E	11	
12/8/2005 5:19 PM	S/I Warn	26	26	25	Yes			E	12	
12/8/2005 5:18 PM	S/I Warn	28	27	26	Yes			E	11	
12/8/2005 5:17 PM	S/I Warn	25	28	28	Yes			E	10	
12/8/2005 5:16 PM	S/I Warn	28	27	26	Yes			E	11	
12/8/2005 5:15 PM	S/I Warn	25	25	25	Yes			E	11	
12/8/2005 5:13 PM	S/I Warn	30	26	26	Yes			NE	12	
12/8/2005 5:10 PM	S/I Warn	26	28	28	Yes			E	11	
12/8/2005 5:09 PM	S/I Warn	26	26	25	Yes			E	11	
12/8/2005 5:07 PM	S/I Warn	23	27	26	Yes			NE	11	
12/8/2005 5:05 PM	S/I Warn	26	29	28	Yes			E	9	
12/8/2005 5:03 PM	S/I Warn	27	26	25	Yes			NE	12	

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13-C TDZ @ 13 Center

Date Time (CST)	Status	Sfc (°F)	Air (°F)	Dew (°F)	Type	Accum (in)	Rate (iph)	DirAvg	SpdAvg (mph)	Vis (mi)
12/8/2005 5:02 PM	S/I Warn	25	27	27	Yes			NE	11	
12/8/2005 5:01 PM	S/I Warn	29	28	28	Yes			E	11	
12/8/2005 5:00 PM	S/I Warn	30	28	28	Yes			E	12	

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