

FDM Report 2020 - Dashboard

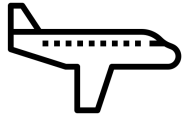
Time Span

01/01/2020

29/04/2020



1
Aircraft



20
Flights



101h01
Hours of data analysed



71
Events detected



26
Severity 3 Events

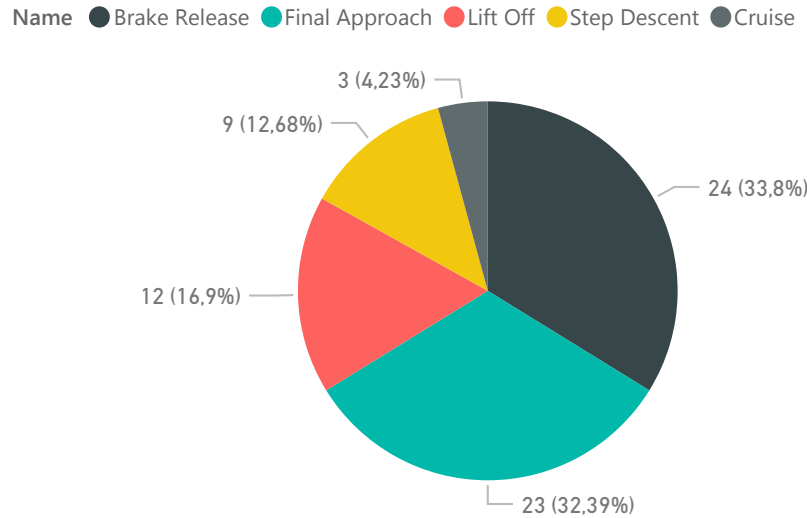


1
Flights without Events

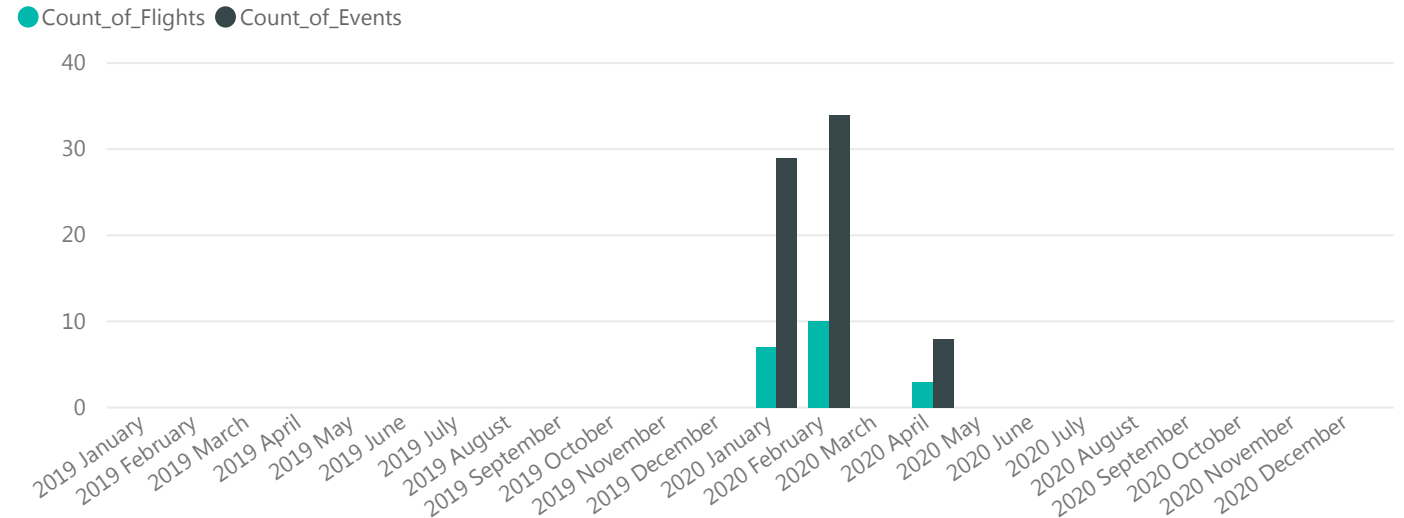


FDM Report - KPI

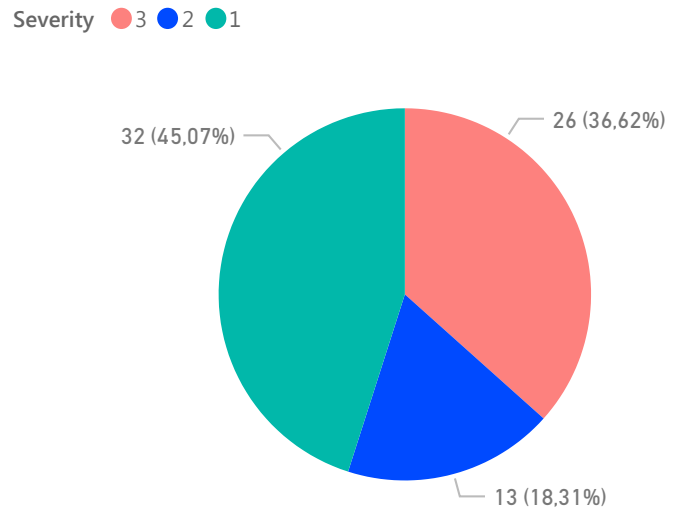
Events by Flight Phase



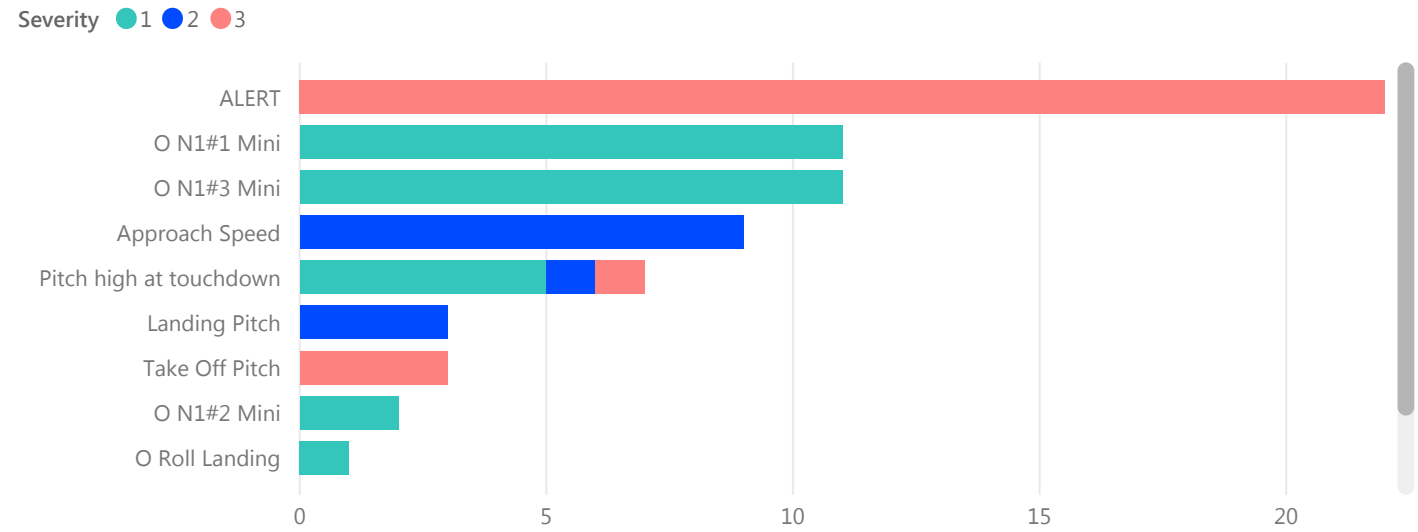
Count_of_Flights and Count_of_Events by Year and Month



Events by Severity



Count of Events by Category and Severity



FDM Report - 2020 - Analysed Flights List

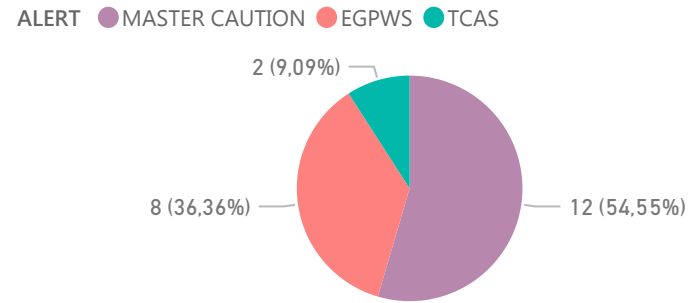
Flight Number	Flight Start Date	Duration	From	To	Count of Events
36	02/01/2020 16:13:07	08:29:44	KONA INTL AT KEAHOLE	EPPLEY	1
37	09/01/2020 15:52:49	08:11:52	EPPLEY	CINCINNATI MUN-LUNKEN	6
38	13/01/2020 17:57:52	02:17:16	CINCINNATI MUN-LUNKEN	MANASSAS REGL/DAVIS	6
39	16/01/2020 03:23:18	04:18:24	MANASSAS REGL/DAVIS	EPPLEY	3
40	21/01/2020 21:44:45	02:56:28	EPPLEY	CHICAGO MIDWAY INTL	4
41	23/01/2020 04:43:14	03:26:00	CHICAGO MIDWAY INTL	EPPLEY	3
42	31/01/2020 18:11:31	03:43:08	EPPLEY	PHILADELPHIA INTL	6
43	03/02/2020 17:57:07	01:57:16	PHILADELPHIA INTL	GREEN STATE	3
44	06/02/2020 02:27:31	06:27:36	GREEN STATE	EPPLEY	4
45	11/02/2020 18:25:10	05:22:24	EPPLEY	TETERBORO	4
46	13/02/2020 02:20:53	04:49:36	TETERBORO	EPPLEY	6
47	17/02/2020 22:01:35	03:04:44	EPPLEY	GEN MITCHELL INTL	3
48	19/02/2020 04:22:35	03:01:40	GEN MITCHELL INTL	EPPLEY	6
49	25/02/2020 02:08:50	06:27:56	KONA INTL AT KEAHOLE	SCOTTSDALE	0
50	28/02/2020 19:35:40	06:59:20	SCOTTSDALE	KONA INTL AT KEAHOLE	2
51	29/02/2020 14:25:35	05:35:56	KONA INTL AT KEAHOLE	SCOTTSDALE	4
52	29/02/2020 20:01:23	04:34:56	SCOTTSDALE	EPPLEY	2
53	01/04/2020 18:01:13	03:23:04	EPPLEY	EPPLEY	1
54	28/04/2020 17:52:17	08:39:52	EPPLEY	KONA INTL AT KEAHOLE	4
55	29/04/2020 17:42:41	07:14:00	KONA INTL AT KEAHOLE	EPPLEY	3

FDM Report 2020 - Detected Events List

Flight Number	Flight Start Date	From	To	Event Name	Severity	Event Category	Flight Phase	Count of Events
36	02/01/2020 16:13:07	KONA INTL AT KEAHOLE	EPPLEY	Pitch high at touchdown 1	1	Pitch high at touchdown	Final Approach	1
37	09/01/2020 15:52:49	EPPLEY	CINCINNATI MUN-LUNKEN	Approach Speed 2	2	Approach Speed	Final Approach	1
37	09/01/2020 15:52:49	EPPLEY	CINCINNATI MUN-LUNKEN	MASTER CAUTION	3	ALERT	Step Descent	1
37	09/01/2020 15:52:49	EPPLEY	CINCINNATI MUN-LUNKEN	O N1#1 Mini 1	1	O N1#1 Mini	Brake Release	1
37	09/01/2020 15:52:49	EPPLEY	CINCINNATI MUN-LUNKEN	O N1#3 Mini 1	1	O N1#3 Mini	Brake Release	1
37	09/01/2020 15:52:49	EPPLEY	CINCINNATI MUN-LUNKEN	Pitch high at touchdown 1	1	Pitch high at touchdown	Final Approach	1
37	09/01/2020 15:52:49	EPPLEY	CINCINNATI MUN-LUNKEN	Take Off Pitch	3	Take Off Pitch	Lift Off	1
38	13/01/2020 17:57:52	CINCINNATI MUN-LUNKEN	MANASSAS REGL/DAVIS	Approach Speed 2	2	Approach Speed	Final Approach	1
38	13/01/2020 17:57:52	CINCINNATI MUN-LUNKEN	MANASSAS REGL/DAVIS	MASTER CAUTION	3	ALERT	Final Approach	1
38	13/01/2020 17:57:52	CINCINNATI MUN-LUNKEN	MANASSAS REGL/DAVIS	O N1#1 Mini 1	1	O N1#1 Mini	Brake Release	2
38	13/01/2020 17:57:52	CINCINNATI MUN-LUNKEN	MANASSAS REGL/DAVIS	O N1#3 Mini 1	1	O N1#3 Mini	Brake Release	1
38	13/01/2020 17:57:52	CINCINNATI MUN-LUNKEN	MANASSAS REGL/DAVIS	Take Off Pitch	3	Take Off Pitch	Lift Off	1
39	16/01/2020 03:23:18	MANASSAS REGL/DAVIS	EPPLEY	Approach Speed 2	2	Approach Speed	Final Approach	1
39	16/01/2020 03:23:18	MANASSAS REGL/DAVIS	EPPLEY	O N1#1 Mini 1	1	O N1#1 Mini	Brake Release	1
39	16/01/2020 03:23:18	MANASSAS REGL/DAVIS	EPPLEY	O N1#3 Mini 1	1	O N1#3 Mini	Brake Release	1
40	21/01/2020 21:44:45	EPPLEY	CHICAGO MIDWAY INTL	Approach Speed 2	2	Approach Speed	Final Approach	1
40	21/01/2020 21:44:45	EPPLEY	CHICAGO MIDWAY INTL	O N1#1 Mini 1	1	O N1#1 Mini	Brake Release	1
40	21/01/2020 21:44:45	EPPLEY	CHICAGO MIDWAY INTL	O N1#2 Mini 1	1	O N1#2 Mini	Brake Release	1
40	21/01/2020 21:44:45	EPPLEY	CHICAGO MIDWAY INTL	O N1#3 Mini 1	1	O N1#3 Mini	Brake Release	1
41	23/01/2020 04:43:14	CHICAGO MIDWAY INTL	EPPLEY	MASTER CAUTION	3	ALERT	Lift Off	1
41	23/01/2020 04:43:14	CHICAGO MIDWAY INTL	EPPLEY	O N1#1 Mini 1	1	O N1#1 Mini	Brake Release	1
41	23/01/2020 04:43:14	CHICAGO MIDWAY INTL	EPPLEY	O N1#3 Mini 1	1	O N1#3 Mini	Brake Release	1
42	31/01/2020 18:11:31	EPPLEY	PHILADELPHIA INTL	Approach Speed 2	2	Approach Speed	Final Approach	1
42	31/01/2020 18:11:31	EPPLEY	PHILADELPHIA INTL	EGPWS	3	ALERT	Step Descent	1
42	31/01/2020 18:11:31	EPPLEY	PHILADELPHIA INTL	MASTER CAUTION	3	ALERT	Step Descent	1
42	31/01/2020 18:11:31	EPPLEY	PHILADELPHIA INTL	O N1#1 Mini 1	1	O N1#1 Mini	Brake Release	1
42	31/01/2020 18:11:31	EPPLEY	PHILADELPHIA INTL	O N1#3 Mini 1	1	O N1#3 Mini	Brake Release	1
42	31/01/2020 18:11:31	EPPLEY	PHILADELPHIA INTL	Take Off Pitch	3	Take Off Pitch	Lift Off	1
43	03/02/2020 17:57:07	PHILADELPHIA INTL	GREEN STATE	Approach Speed 2	2	Approach Speed	Final Approach	1
43	03/02/2020 17:57:07	PHILADELPHIA INTL	GREEN STATE	EGPWS	3	ALERT	Final Approach	1
43	03/02/2020 17:57:07	PHILADELPHIA INTL	GREEN STATE	Pitch high at touchdown 1	1	Pitch high at touchdown	Final Approach	1
44	06/02/2020 02:27:31	GREEN STATE	EPPLEY	MASTER CAUTION	3	ALERT	Lift Off	1

FDM Report 2020 - ALERT Category Events

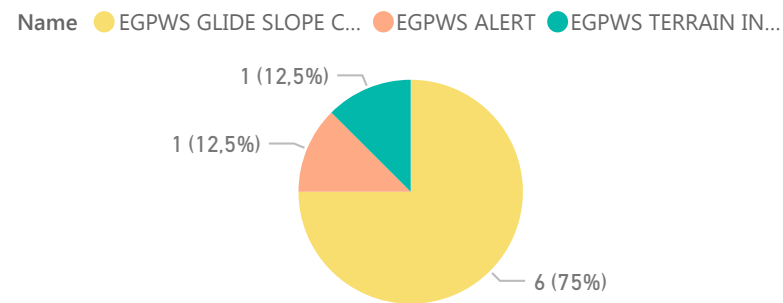
Count of ALERT Events



MASTER CAUTION Events list

Flight Number	Flight Date	Count of Events	Flight Phase
37	09/01/2020 15:52:49	1	Step Descent
38	13/01/2020 17:57:52	1	Final Approach
41	23/01/2020 04:43:14	1	Lift Off
42	31/01/2020 18:11:31	1	Step Descent
44	06/02/2020 02:27:31	1	Lift Off
45	11/02/2020 18:25:10	1	Step Descent
46	13/02/2020 02:20:53	1	Lift Off
51	29/02/2020 14:25:35	2	Cruise
53	01/04/2020 18:01:13	1	Lift Off
54	28/04/2020 17:52:17	1	Lift Off
55	29/04/2020 17:42:41	1	Step Descent

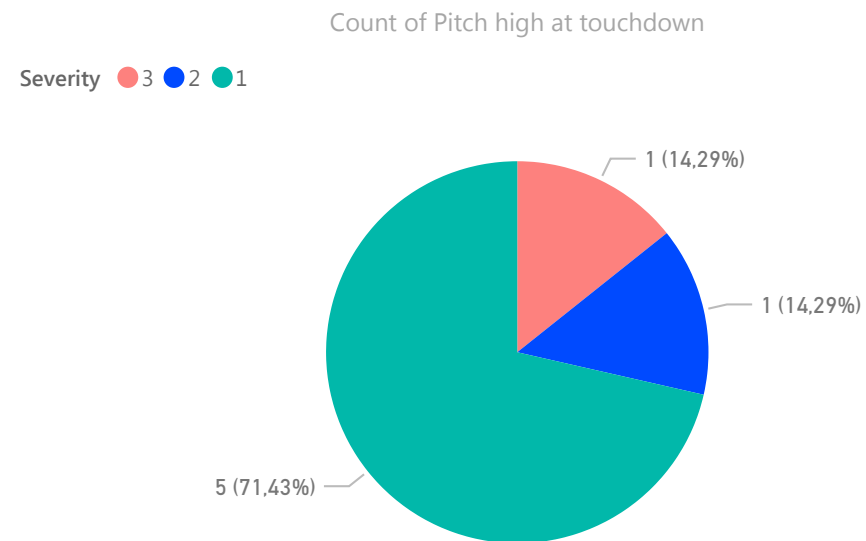
Count of EGPWS Events by Source



EGPWS Events List

Flight Number	Flight Date	Count of Events	Source	Flight Phase
42	31/01/2020 18:11:31	1	EGPWS GLIDE SLOPE CANCEL	Step Descent
43	03/02/2020 17:57:07	1	EGPWS GLIDE SLOPE CANCEL	Final Approach
45	11/02/2020 18:25:10	1	EGPWS GLIDE SLOPE CANCEL	Step Descent
46	13/02/2020 02:20:53	1	EGPWS GLIDE SLOPE CANCEL	Final Approach
48	19/02/2020 04:22:35	1	EGPWS GLIDE SLOPE CANCEL	Final Approach
48	19/02/2020 04:22:35	1	EGPWS GLIDE SLOPE CANCEL	Step Descent
48	19/02/2020 04:22:35	1	EGPWS TERRAIN INHIBIT	Cruise
55	29/04/2020 17:42:41	1	EGPWS ALERT	Lift Off

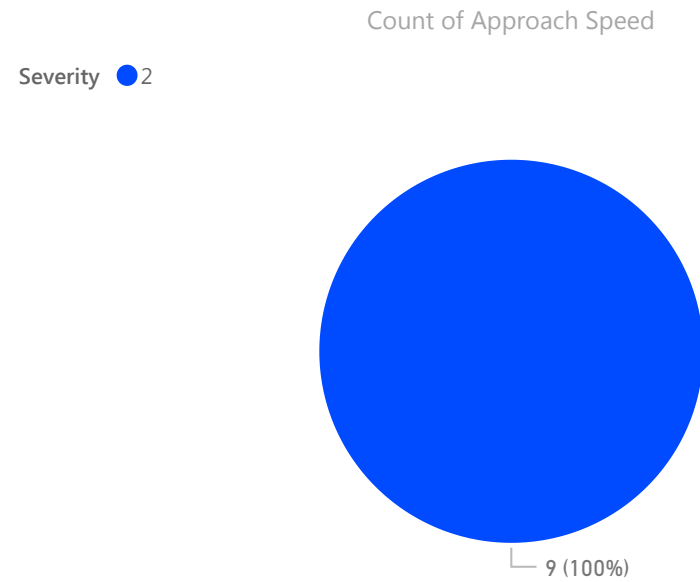
FDM Report 2020 - Pitch Events



Pitch high at touchdown Events list

Flight Number	Flight Date	Count of Events	Severity	Max Pitch Value (deg)
36	02/01/2020 16:13:07	1	1	7,38
37	09/01/2020 15:52:49	1	1	7,65
43	03/02/2020 17:57:07	1	1	7,38
44	06/02/2020 02:27:31	1	3	9,05
45	11/02/2020 18:25:10	1	2	8,61
47	17/02/2020 22:01:35	1	1	7,82
54	28/04/2020 17:52:17	1	1	7,56

FDM Report 2020 - Approach Speed Events



Approach Speed Events list

Flight Number	Flight Date	Count of Events	Severity	Max Speed Value (Kts)
37	09/01/2020 15:52:49	1	2	136,75
38	13/01/2020 17:57:52	1	2	134,75
39	16/01/2020 03:23:18	1	2	133,25
40	21/01/2020 21:44:45	1	2	130,75
42	31/01/2020 18:11:31	1	2	133,25
43	03/02/2020 17:57:07	1	2	133,50
46	13/02/2020 02:20:53	1	2	147,00
50	28/02/2020 19:35:40	1	2	143,50
55	29/04/2020 17:42:41	1	2	130,50