



CAA Review of Display Season 2021

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Wg Cdr B Smy MAA Operational Assurance

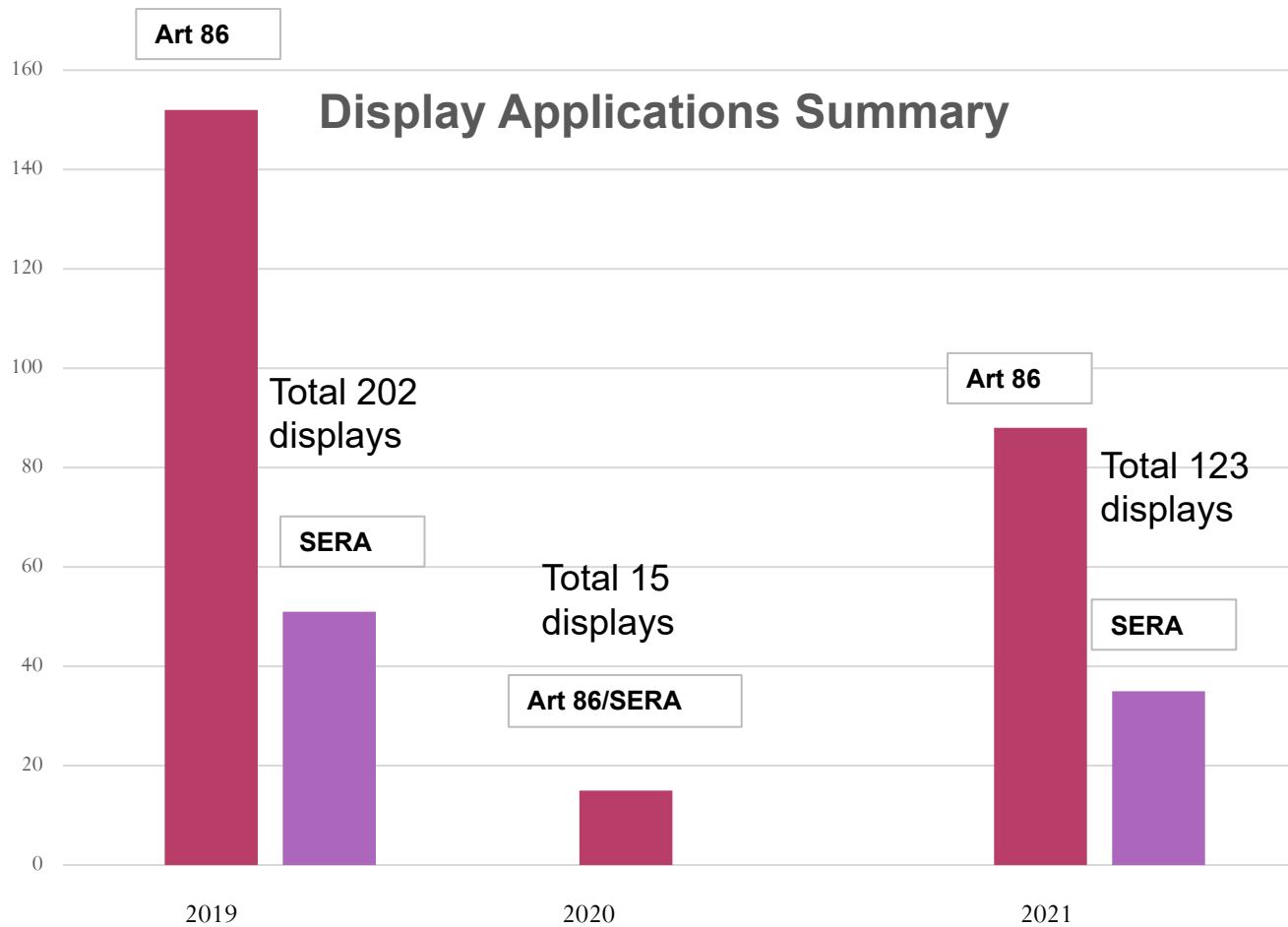
Scope

- Context
- DS21
- FDD Courses
- Events' Teams Reports
- BADA Update
- Bournemouth Incident
- FDFG Outbrief

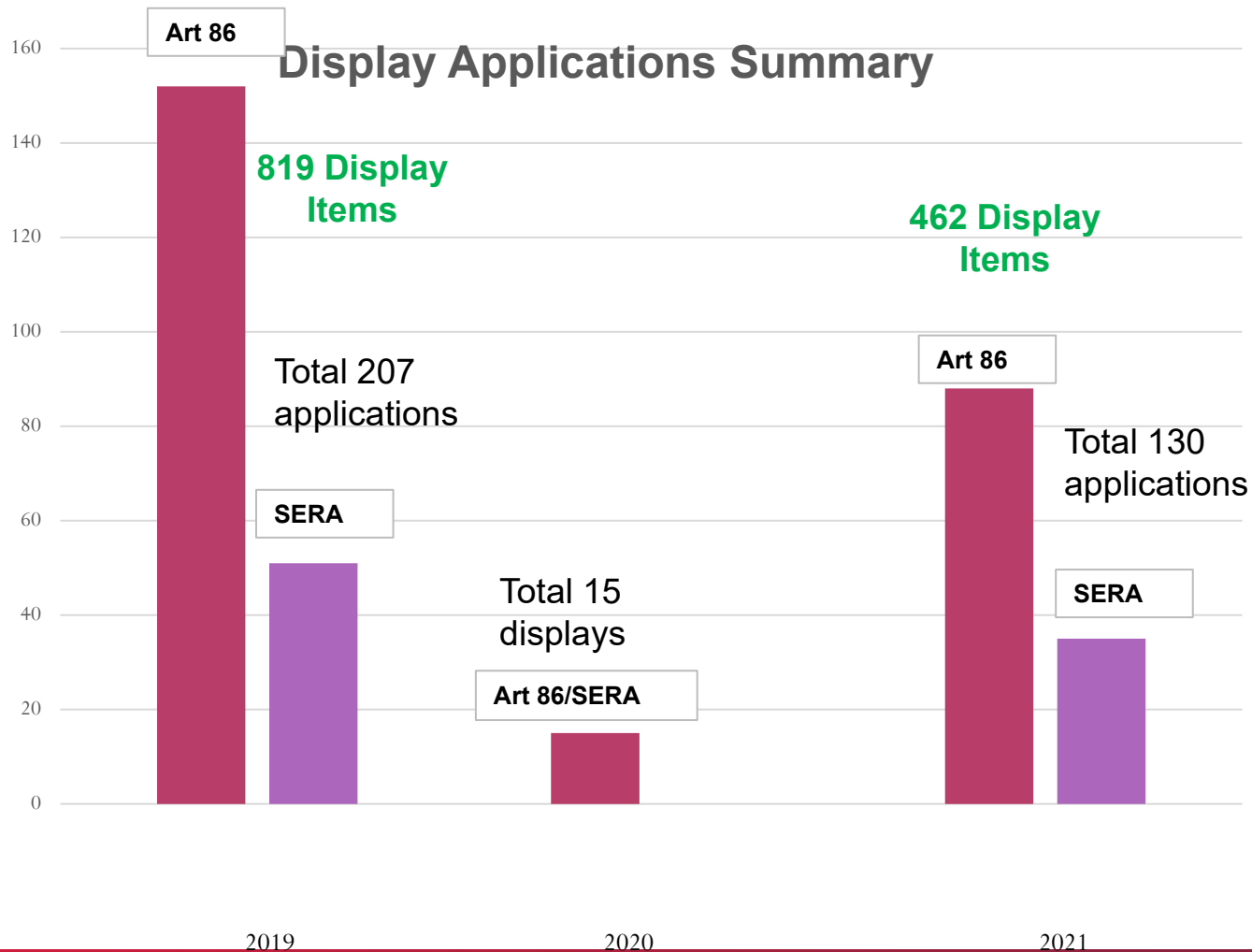


Start	End	Session	Primacy
1245	1300	Registration & Domestic	MH
1300	1310	Welcome and Introduction	Head of GAU & RPAS
1310	1440	Regulators Review of Display Season 2021 and forward look to 2022	CAA & MAA
1440	1450	FDD Accreditation Course	CAA
		Short Break	
1500	1515	Military Events' Team Report for 2021 and forward to look to 2022	RAF Events Team
1515	1525	British Air Display Association Update	BADA Chairman
1525	1545	LIs Aerosuperbatics Incident Bournemouth	Bournemouth Display FDD and Display Pilot
1545	1555	2021 FDFG Mtg Out Briefs	CAA
1600		Closing remarks and DoNM	CAA & MAA

Context for Display Season 21



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Context for Display Season 21

- DS 21 Flying Display applications are at c60% of DS 19
- Number of items flown in DS 21 is at c56% of that flown in DS 19
- Smaller displays – numbers similar to DS 21
- Larger Scale display – significant decrease with some sites adopting crowd caps
- Sea Front displays – only 6 out of a usual 16 took place



Facts & Figures 2021

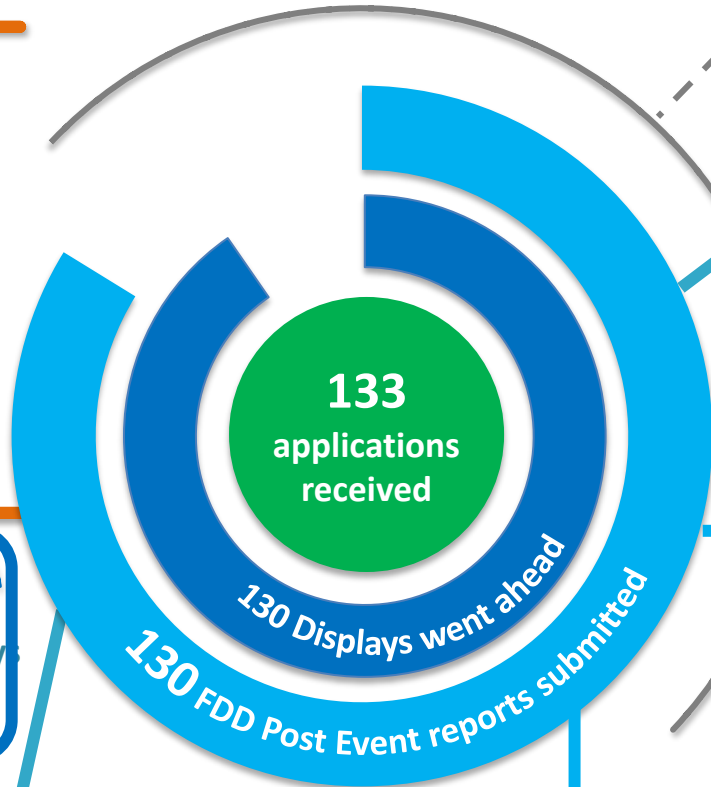


6 FDDs trained
11 Revalidated
28 AFDD Accredited
5 New DAEs

XX
Occurrence Reports (MORs)

Most reported safety concerns

- 4 Mechanical malfunctions
- 0 Public infringements
- 5 Airspace infringements
- 1 Drone activity/infringements



1 High severity occurrences

5 Reportable Accidents

0 STOP calls

10 'too close' calls
16 too low' calls
3 'terminate' calls

51% Late applications
10% Applications <7 days
95% Applications processed

14% Permissions issued
14 days prior to the event
11% permissions issued
< 7 Days to go

98% of FDD reports considered of good quality

11 Inspections conducted by the UK CAA (10% of all displays)

FDD Post-Display Reports

- **Post Event Reporting Process** is now well established with report with close to 98% returns
- **Common issues arising:**
 - *Poor engagement from SAG/Emergency Services at some events*
- **Briefings:**
 - *Room for improvement in some cases*
- **NOTAM and RA(T) incursions:**
 - *Continue to be an issue and is being raised through CAA infringement Coordination Group*
- **Trends developing:**
 - *No ongoing trends noted*
 - *Early in the season a reoccurring incident was spotted through reporting and addressed*

SRG 1305 Feedback

FDD Post-Display Reports

2021 - Lessons Learnt

- SRG 1305 Post Event Report Feedback form needs to be more user friendly and allow for improved data capture
 - Online Dynamic PDF is being scoped
- Event Organiser changing layout at single item events and not informing AFDD
- Greater flexibility required in Permission content to reduce Last Minute changes to permission

CAA - Precipitation of out of season work

CAP 403 Edition 19

- **Min change**
- **Clarifications**
- **Low approach and go-around**
- **Assess proposed simplification for use of 150 metre line**

CAP 403 Edition 19

Public consultation:

14 December 2021 – 14 January 2022

Target publication date: 25 February 2022

CAP 1724 Edition 4

- **Consultation with DAEs**

Min change

Clarifications

Aerobatic category clarification

CAP 1724 Edition 4

- **Public consultation: 19 January 2022 – 16 February 2022**

Target publication date: 16 March 2022

LTP Display Practice review

- **Clarification of DAE briefing requirement**
DAE Briefing sheet
Clarification of what is required to be logged when LTP used.

To be discussed with DAEs at DAE Seminar in December

Military Aviation Authority



Post Season Symposium

9 Nov 21

Wing Commander Ben Smy

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Key Takeaways from 2021

- New Regulation issued Feb 2021 (MAA RA 2335) to align to CAA CAP 403
- Punctuated season with a paucity of events
- New techniques, practices, methodologies and approaches
 - Time to develop vs time for skill fade.
- Some updating of forms required! Always check “MAA RA 2335” via gov.uk
- Form 1 and 4 submission deadlines (and *absence* of forms).

MAA regulated events

	DS 17	DS 18	DS 19	DS 20	DS21
Military Regulated Flying Displays	46	43	34	22	28 (17 confirmed)

Final MAA thoughts.....

- **14 Dec 21 – FDD Revalidation Course** – Defence Academy Shrivenham
- **15 Dec 21 – AFDD Course** – Defence Academy Shrivenham
- **15-16 Feb 22 – FDD Initial Course** – Defence Academy Shrivenham

- Further Reval course being scoped for 1st qtr 2022

Forward Look

- Adjustment of the online application form
- Online risk assessment
- Review of Airborne FDD s
- CAP 1047 (Civil Air Displays, A guide for pilots) planned issue date **31 March 18**
- Overall greater collaboration with the display community.



My Priorities

- Work together with the display community
- Work hard to gain your trust
- Do better at processing applications, providing you with feedback, engaging with you and consulting with you on rule changes (where we can).



How you can help



- In 2017 45% of applications arrived with less than 42 days to go, 9% arrived with less than 14 days to go
- You can help everyone by getting your application to the CAA on time
- Providing us with the FDD report within 7 days of your event helps inform the annual review of CAP 403
- You have an opportunity to influence the CAP 403 amendment **until 15 December**
- Send your suggestions to GA@caa.co.uk marked 'CAP 403 Comments'.

..... and finally

- I want to know how the CAA can help you, what are we not doing?
- If, in the run up to, or during DS 18, we are not supporting you, then I want to know
- You can email me on paul.sall@caa.co.uk at any time
- I look forward to working together with you so that we can all achieve a safe and effective DS 18.



Questions

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