

Case Study



Dent & buckle check with dentCHECK during aircraft phase-in

FLYAIR41

dent  CHECK[®]
as a service



ABOUT FLY AIR41

Fly Air41 Airways d.o.o. is a young airline founded in 2021 in Zagreb, Croatia. The carrier performs holiday and charter flights to the most beautiful destinations in the Mediterranean, the Red Sea and the Canary Islands. The modern fleet currently consists of four Airbus A319 and two Airbus A320.

CHALLENGE

Fly Air41 phased-in an Airbus A319. During the phase-in operations, an entire dent and buckle check had to be performed. As always, time was short, and the Fly Air41 team was on the lookout for technologies to speed up inspection time while increasing quality.



“Checking and reporting the entire d&b chart took us almost a week in the past.”
– Renata Lopes, Technical Director at Fly Air41

SOLUTION: dentCHECK AS A SERVICE

Julian Sutor, 8tree’s Applications Engineer, mapped the damage and created SRM-compliant reports accordingly. Using dentCHECK to perform these activities took about **five hours in total**.



“This service job also included scanning dents in special areas around the static port and on the wing’s leading edge. It was a pleasure to work with Renata’s team on this project. We can see that using dentCHECK makes sense in line and base maintenance but also in phase-in and -outs like this.”
– Julian Sutor, 8tree Applications Engineer



RESULTS



“Using dentCHECK, we marked this task completed in one afternoon. Otherwise ordinarily it would have taken almost a week.”
– Renata Lopes, Technical Director at Fly Air41

✓ **> 80% Time-saving** → dentCHECK-as-a-service – 3 hours for dent-mapping and 2 hours for reporting

✓ **SRM-compliant reports** → Ready-to-use SRM-compliant reports for each surface defect.

WHY dentCHECK?

The tool you need for 1-click 3D dent-mapping. Accepted by all major OEMs. ~150 systems used daily across 4-dozen cargo, commercial, business, and military operators.

[Customer case studies](#) – 18x more consistent, 20x more accurate dent-depth, 13x more accurate dent-size – compared to traditional methods.

In addition to selling dentCHECK to our global customers, we also offer **on-demand dent-mapping services** for spot-checks, nose-to-tail mapping and catastrophic hail events.



CONTACT US FOR MORE INFORMATION



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