

Memorandum



U.S. Department of Transportation
**National Highway Traffic Safety
Administration**



Subject: Meeting with
Hyundai Motor America

Date: February 26, 2024

From: Allison Hendrickson
Trial Attorney
Litigation and Enforcement

Reply to NCC-100
Attn. of:

To: Docket No. NHTSA-2023-0038;
Initial Decision That Certain Frontal Driver
and Passenger Air Bag Inflators
Manufactured by ARC Automotive Inc.
and Delphi Automotive Systems LLC
Contain a Safety Defect

On December 14, 2023, Hyundai Motor America (HMA) had a virtual discussion with NHTSA regarding the above-referenced proceeding at HMA's request.

The following is a list of meeting attendees from NHTSA and HMA.

NHTSA: Tanya Topka, Sharon Yukevich, Ashley Simpson, and Allison Hendrickson

HMA: Brian Latouf, Stephen Gehring, Cole Stutz, Michael Fici, and Doug Bishop

HMA provided a presentation, which it indicated was intended to highlight certain information in its anticipated written submission related to the above-referenced proceeding. A copy of the presentation is enclosed.

Enclosure



ARC Inflator Investigation & Monitor Program

December 14, 2023

Hyundai Motor America (HMA) - Program to Investigate and Monitor ARC Inflator Performance

CONFIDENTIAL BUSINESS INFORMATION REDACTED

Reynosa Line N Inflators

- HMA inflator recovery already in progress corresponding to GM's recent recall (DCADH, 2014 – 2017 MY)
- Working agreement with [] Northrop Grumman to evaluate inflators []
 - Starting with CT scan (HMA Safety Lab), dissection, inspection for anomalies, propellant density, moisture, ballistics, etc.

Hyundai - Global Field Events

- Plan to expand recovery of inflators that bracket Hyundai field events in Canada and Saudi Arabia
- Targeting additional inflators (hot geographic locations included) to be collected and analyzed over 12 months
- Investigating if there are performance differences in climates with higher ambient temperatures

Other Inflator Populations Based on Additional Information from ARC

- HMA/Exponent requested detail from ARC related to inflator design, borescope, welding process, booster formulation
- Information, if provided by ARC, may lead to additional target inflator populations

Ongoing Monitoring

- Identifying inflators representative of entire Hyundai population for ongoing monitoring
- Plan to collect additional inflator groups every six months over three years for analysis by Northrop Grumman



Hyundai Motor America (HMA) - Program to Investigate and Monitor ARC Inflator Performance

Working with Exponent

- Separate inflator collection and analysis being reviewed with Exponent
- Inflator modeling will be undertaken if driven by data
- Awaiting information from ARC to fully develop plan
 - Borescope rejection data, humidity control and other manufacturing records

NHTSA Updates:

- HMA to provide regular updates to NHTSA on program progress

