

A photograph of an airplane cabin interior. A white leather seat is visible on the right side of the frame. To the left of the seat is a dark-colored overhead storage bin with a circular cutout. A window is visible in the background, showing a view of the sky. The text "DELTA ENGINEERING" is overlaid in large, bold, black letters, and "SEAT TSO & REFRESH SOLUTIONS" is overlaid in smaller, black letters below it.

DELTA ENGINEERING

SEAT TSO & REFRESH SOLUTIONS



PURPOSE

PROVIDE TIME AND COST EFFICIENT
SOLUTIONS FOR NEW SEAT TSO
BASED ON REFRESH



OUR SOLUTIONS

SEAT COVERING UPDATES

- OPERATOR LOGO REMOVE AND REPLACE
- COLOR, MATERIAL, STITCHING CHANGES
- SEAT CUSHION UPGRADES
- SEAT BACK POCKET UPDATES

SEATBACK IFE UPGRADES

- NEW SYSTEM INSTALLATION
- NEW BEZELS AND FITTINGS
- SEAT TSO UPDATES

IN-HOUSE MODIFICATIONS, UPDATES & APPROVALS

- SEAT TSO UPDATES/APPROVALS IN-HOUSE
- UPGRADE CAN BE PER IN-HOUSE IFE STC APPROVAL (VIA ODA)
- MODIFICATION AND TESTING ALL INTERNALLY COMPLETED

CABIN INTERIOR REFRESH SOLUTIONS

OPERATOR SPECIFIC CHANGES

LOGO REMOVE AND REPLACE, SEAT COVERINGS,
CARPETS, CURTAINS, PLACARD LANGUAGE



MINIMAL FAA INVOLVEMENT

ODA-STC (PARTS 23, 25), NO-PNL APPROVAL,
AMENDMENT AND MINOR CHANGE AUTHORIZATION

RAPID IFE MODIFICATIONS & UPDATES

UPDATE EXISTING OR NEW IN-FLIGHT ENTERTAINMENT,
IN-HOUSE APPROVALS & TSO UPDATES



COMPLETED APPROVALs

OVER 1300 FAA PROJECTS COMPLETED

FLAMMABILITY TESTING

HIC (25.562) TESTING

STC APPROVAL

TSO APPROVAL

IN-HOUSE CERTIFICATION



UPDATED OR NEW SEATBACK SCREEN

UPDATED OR NEW ISPSS

SOFTWARE UPDATES

IFE/IFC



MATERIAL OPTIONS

NEW COLORS, MATERIAL, STITCHING

LOGOS, INSIGNIA

NEW CUSHIONS

ARMREST, TRAY TABLES



NEW INTERIORS

NEW LAYOUTS

STORAGE, LAVATORIES

SEATING

VIP

