

A320FAM PYLON REINFORCING PLATE INSPECTION

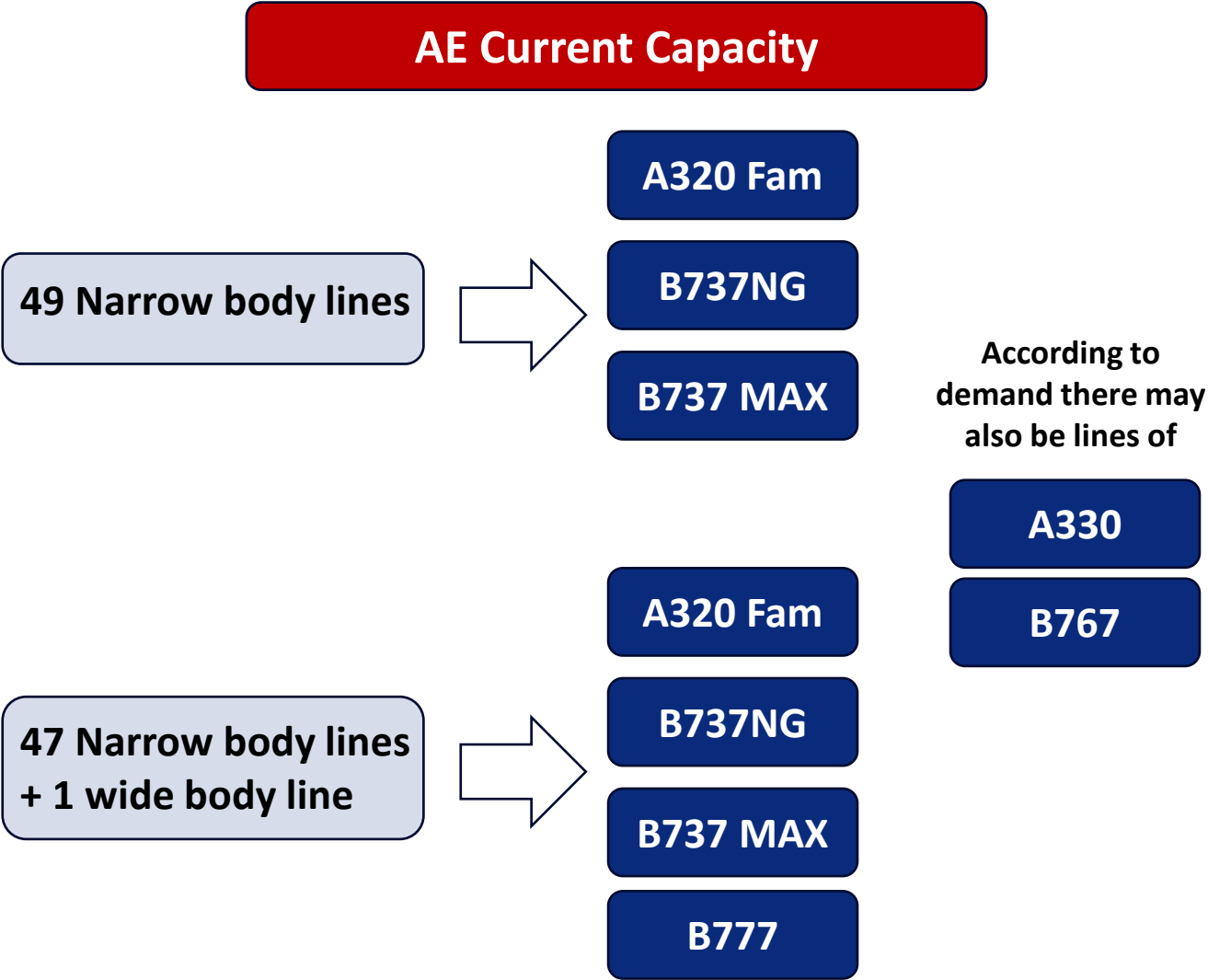
RT

Sep 2025

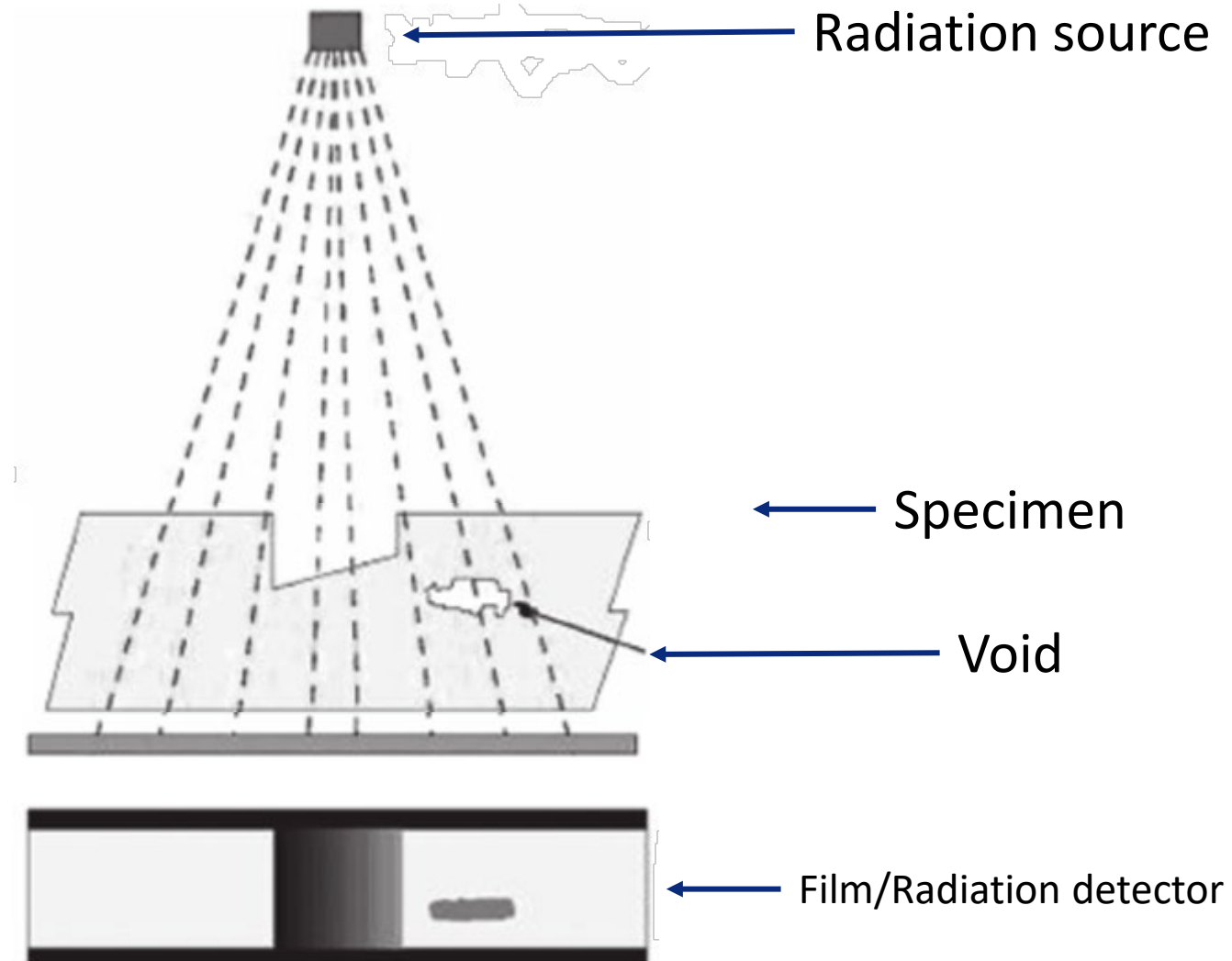


Aeroman, founded in 1983 as the maintenance division of TACA Airlines, has significantly expanded its operations over the years. By 2024, six hangars have been built, the capacity of two hangars has been expanded, and work is already underway on future expansions.

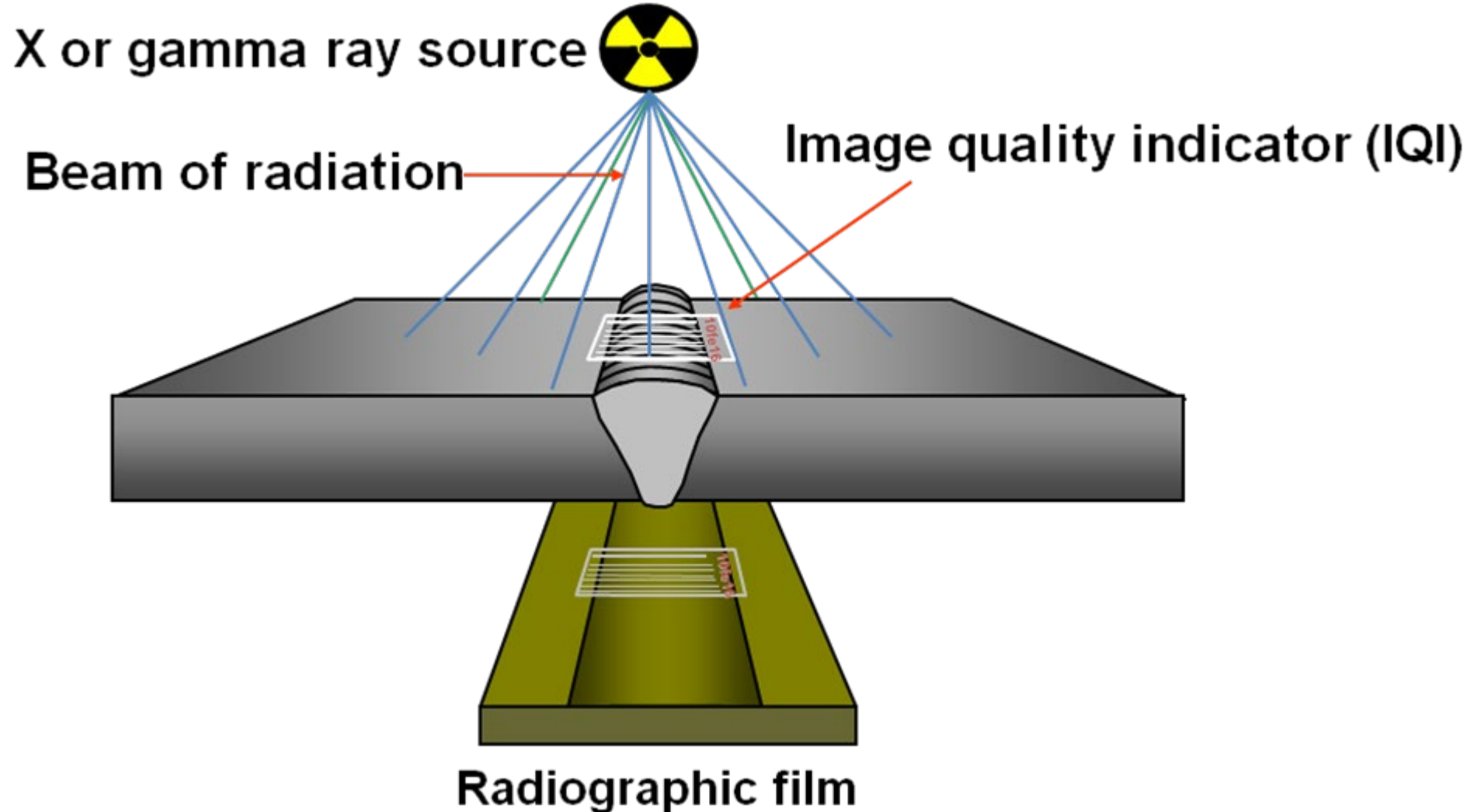
Aeroman is defined by its mission to provide high-quality aircraft maintenance services and its vision to lead globally in this field, guided by values such as solidarity, passion for challenges, commitment to quality, and continuous learning.



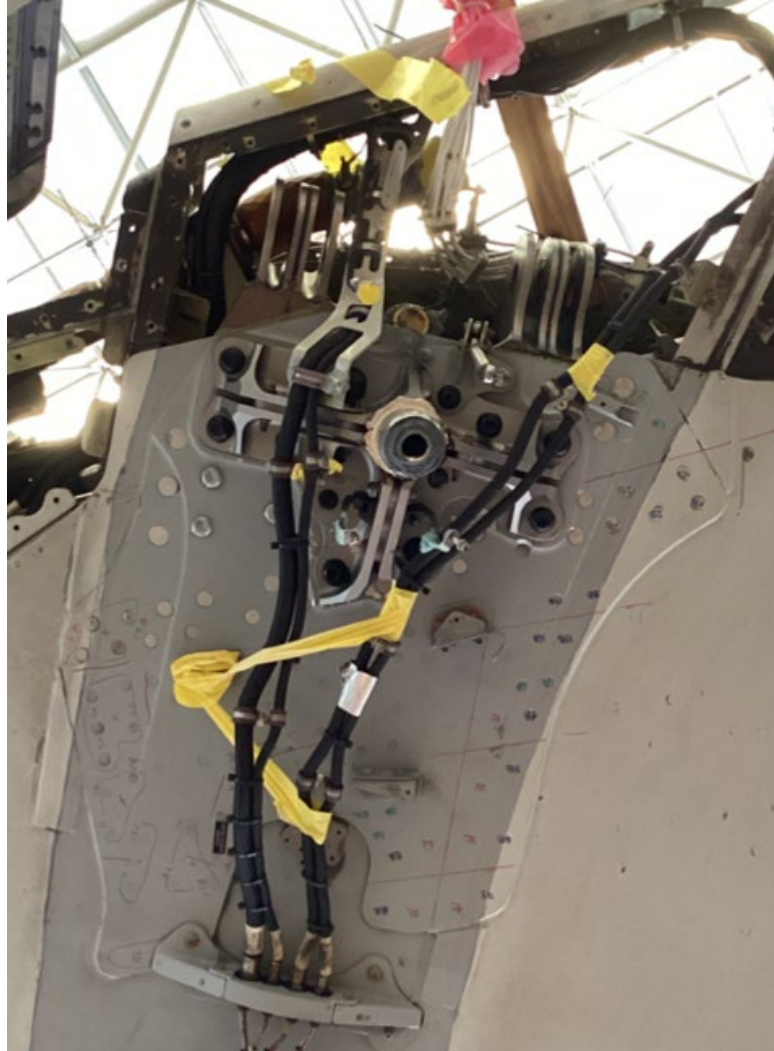
How to take a radiographic image – Set up



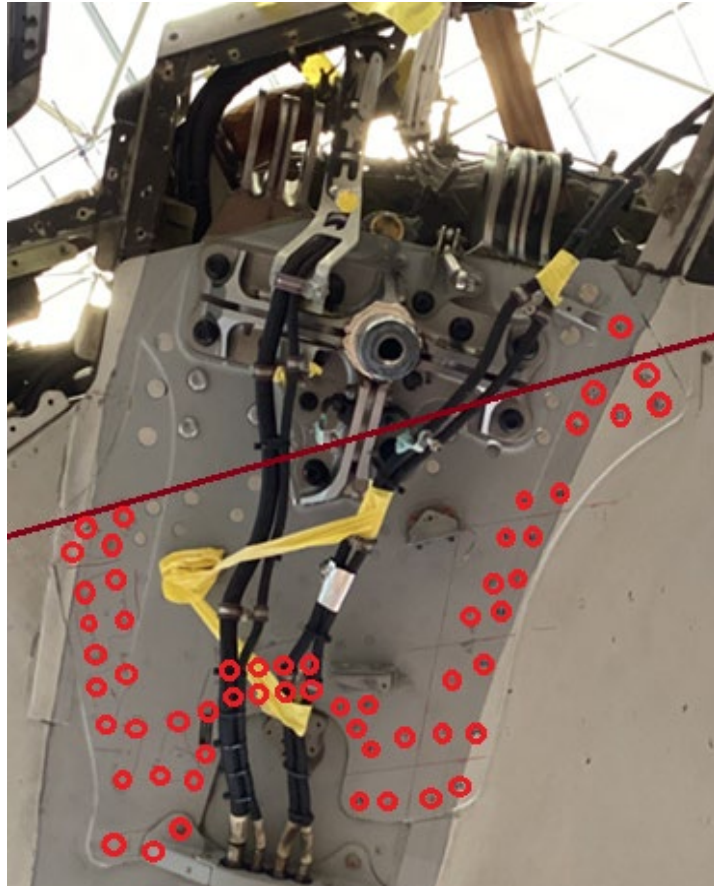
How to take a radiographic image – Set up



Area of inspection – Engines and pylon removed

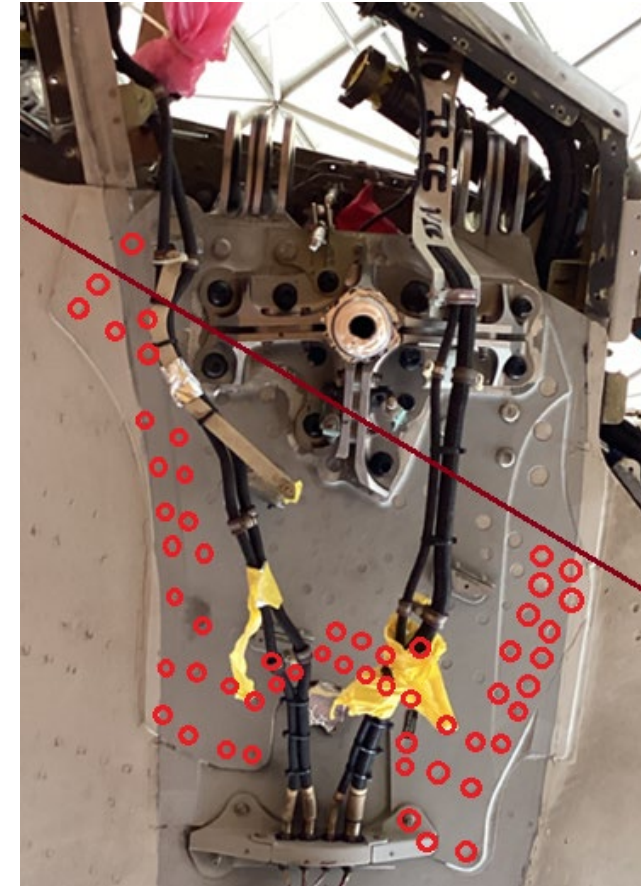


Area of inspection - Bolts of interest



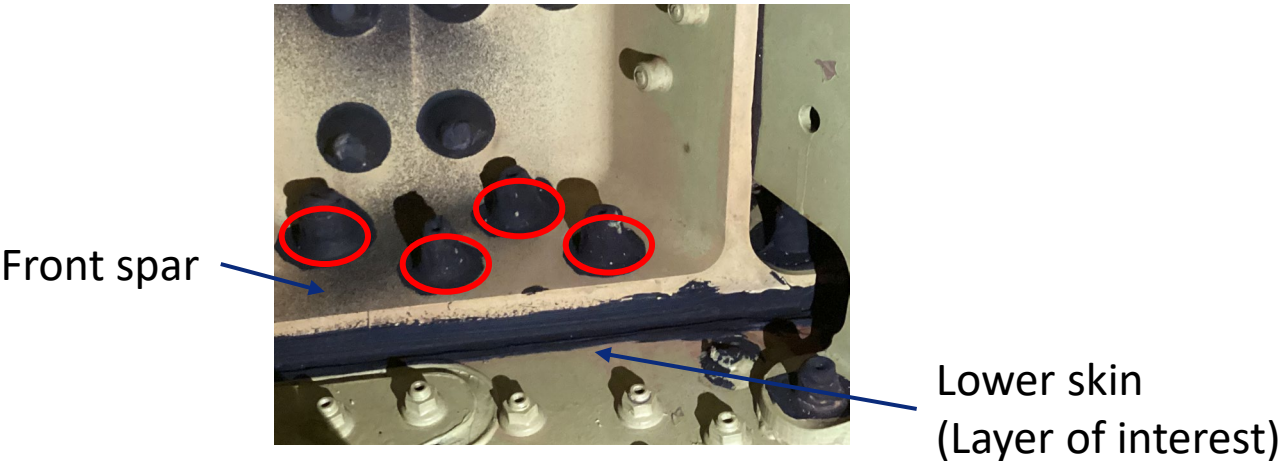
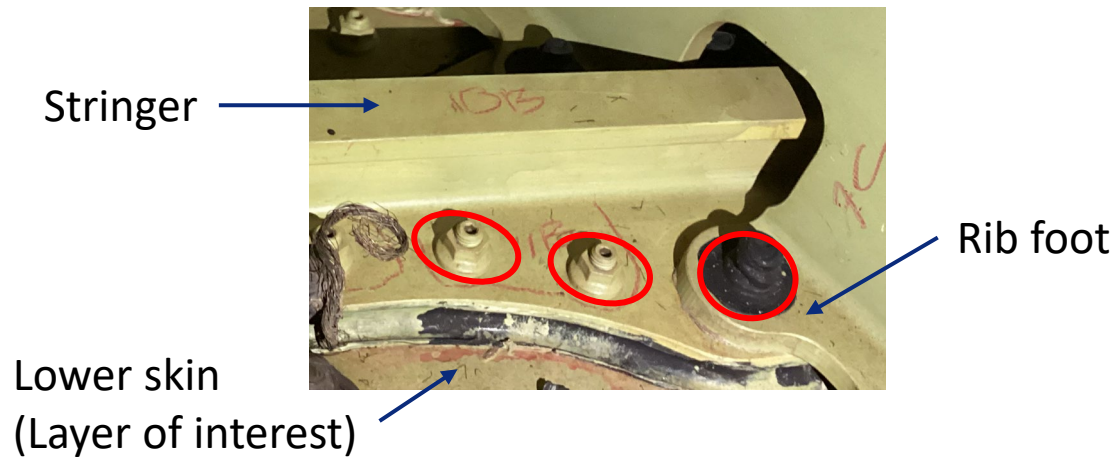
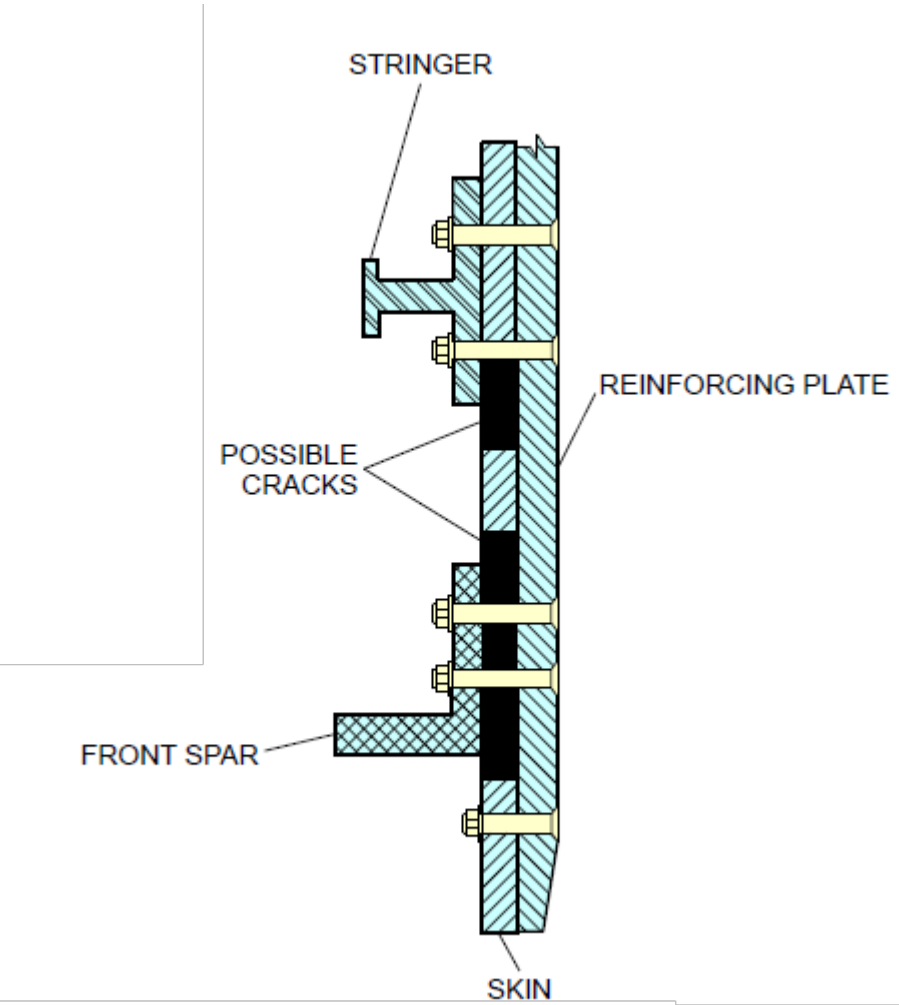
RH SIDE

Lower front
spar datum

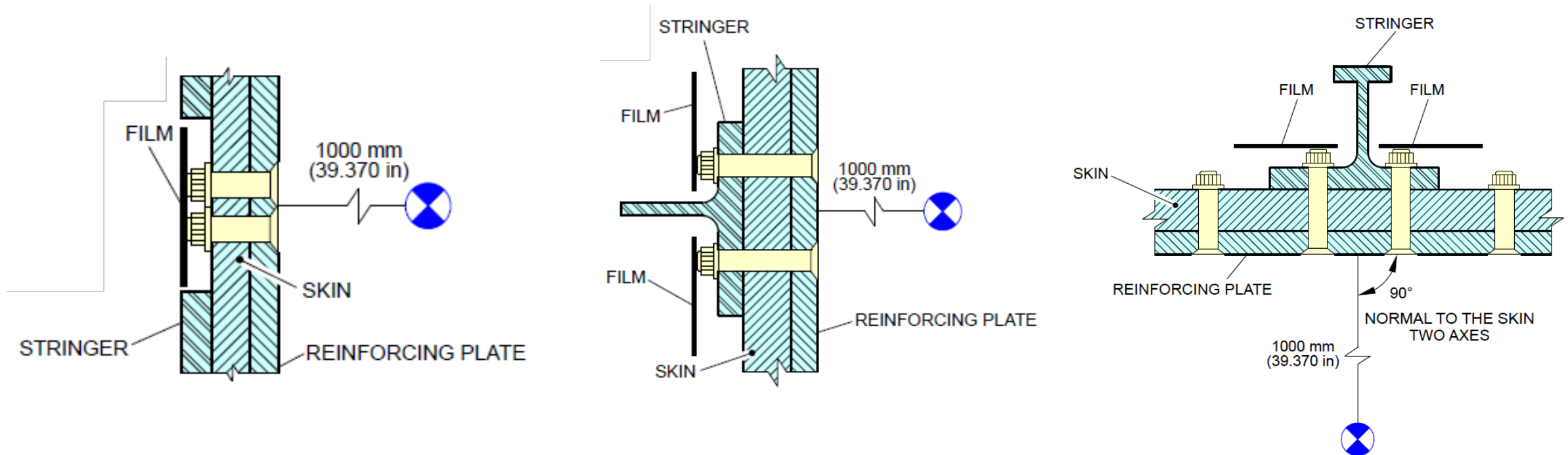


LH SIDE

Inspection area configuration

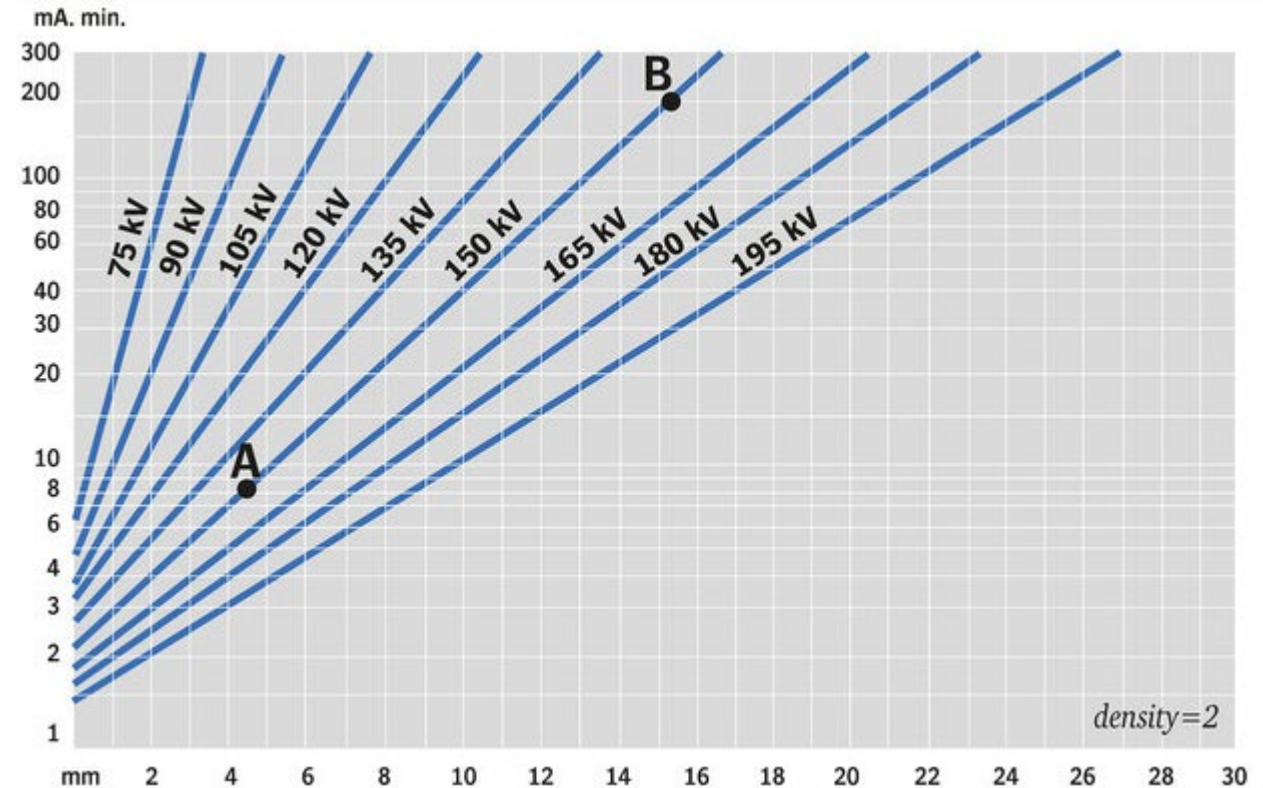


Film/Imaging device positioning

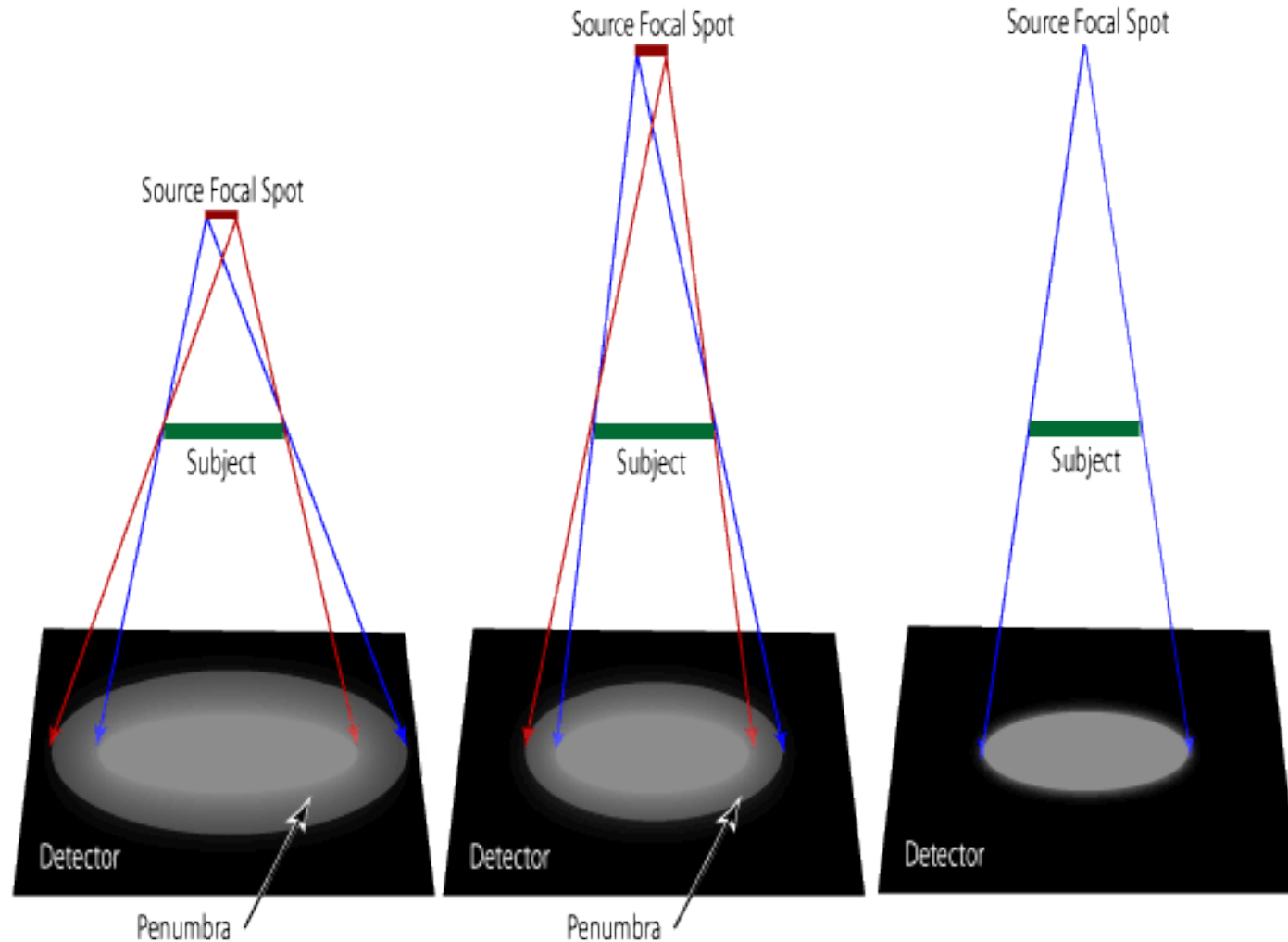


CHOOSING PARAMETERS FOR OUR EXPOSURE

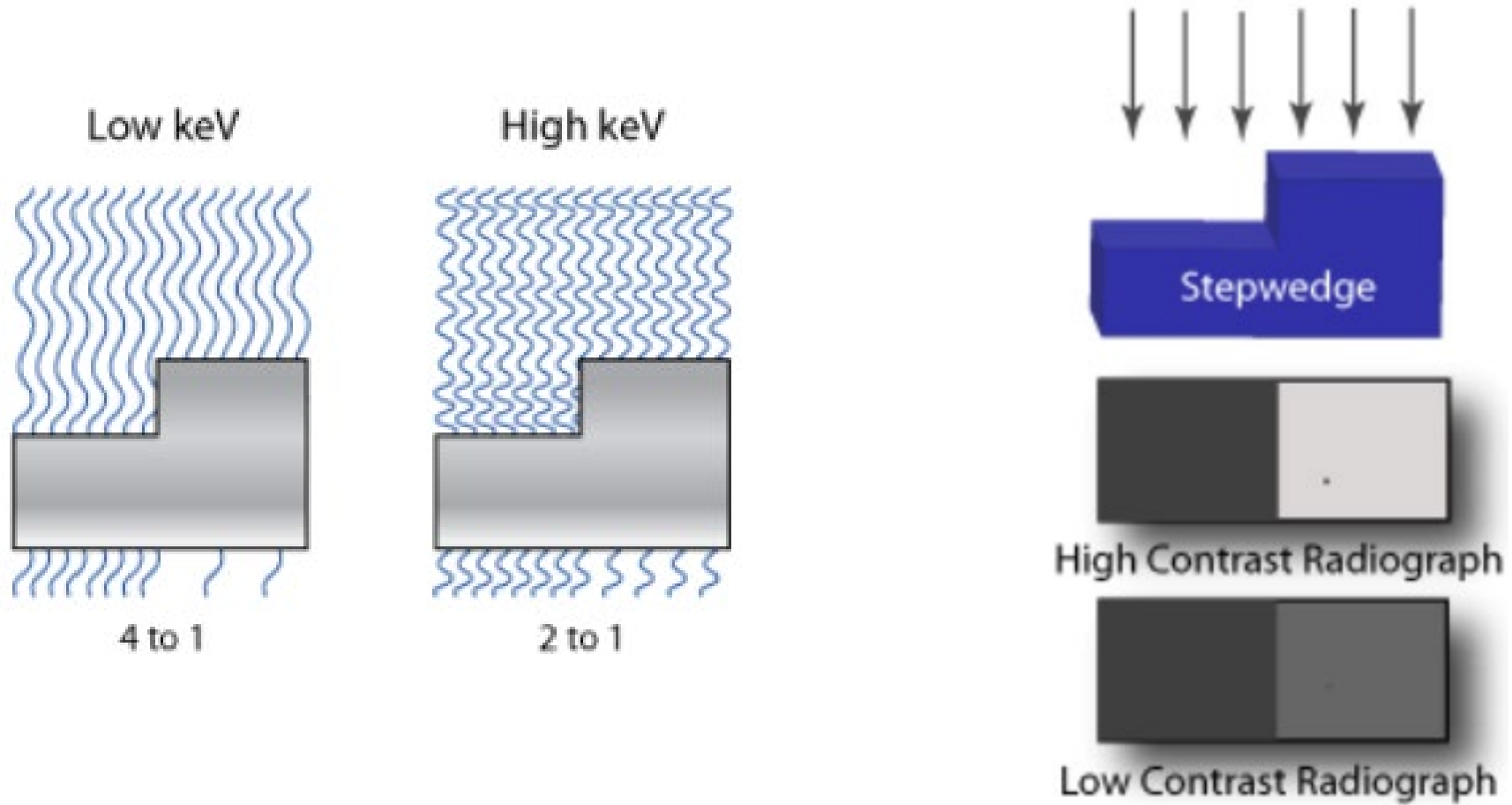
- Distance
- Voltage
- Amperage
- Time
- Type of film

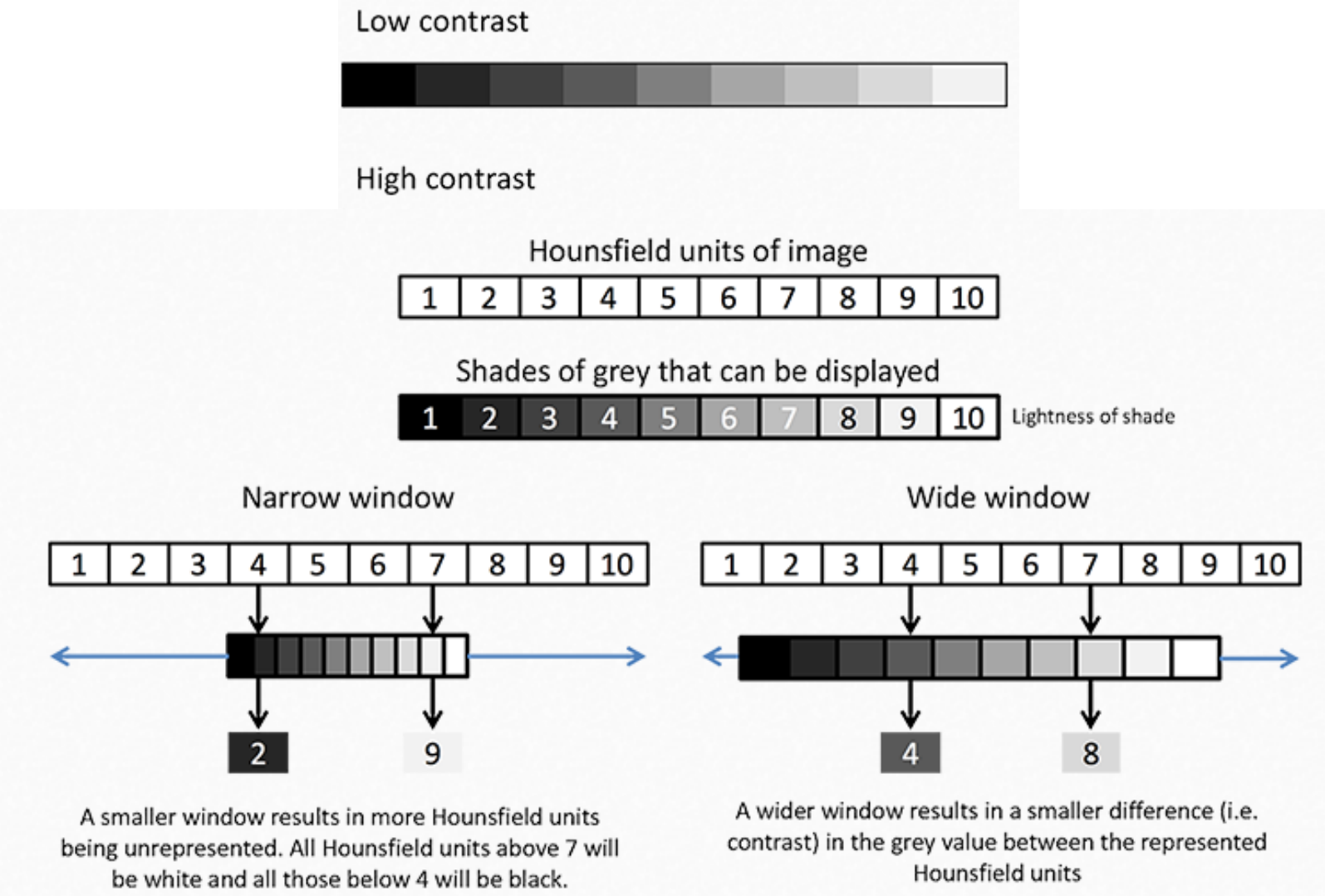


Distance selection – Geometric unsharpness

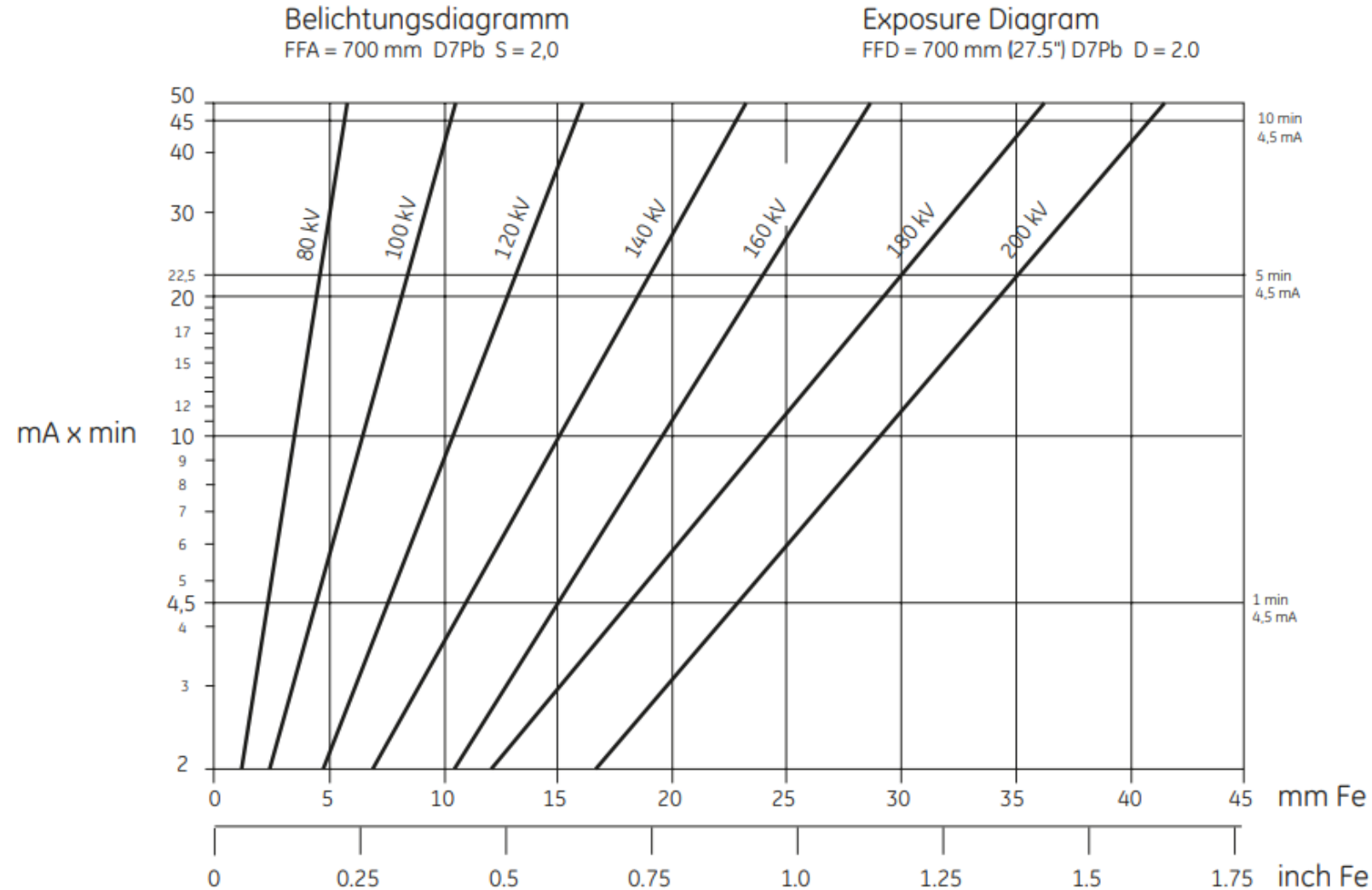


Voltage selection

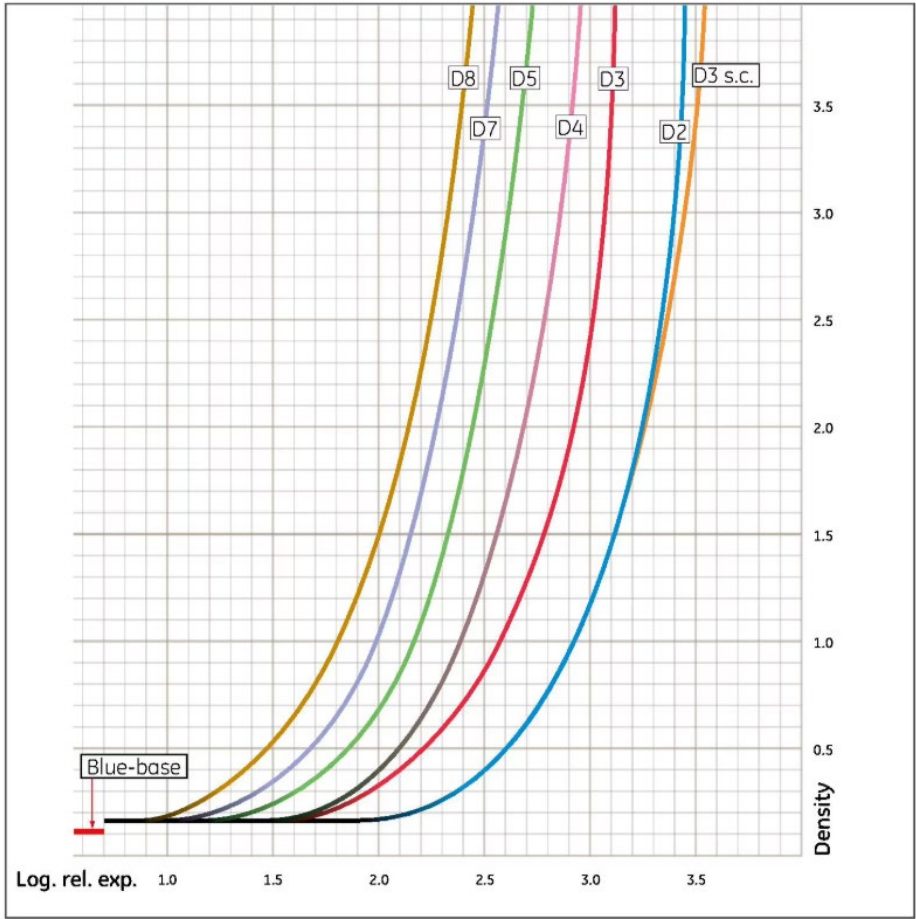




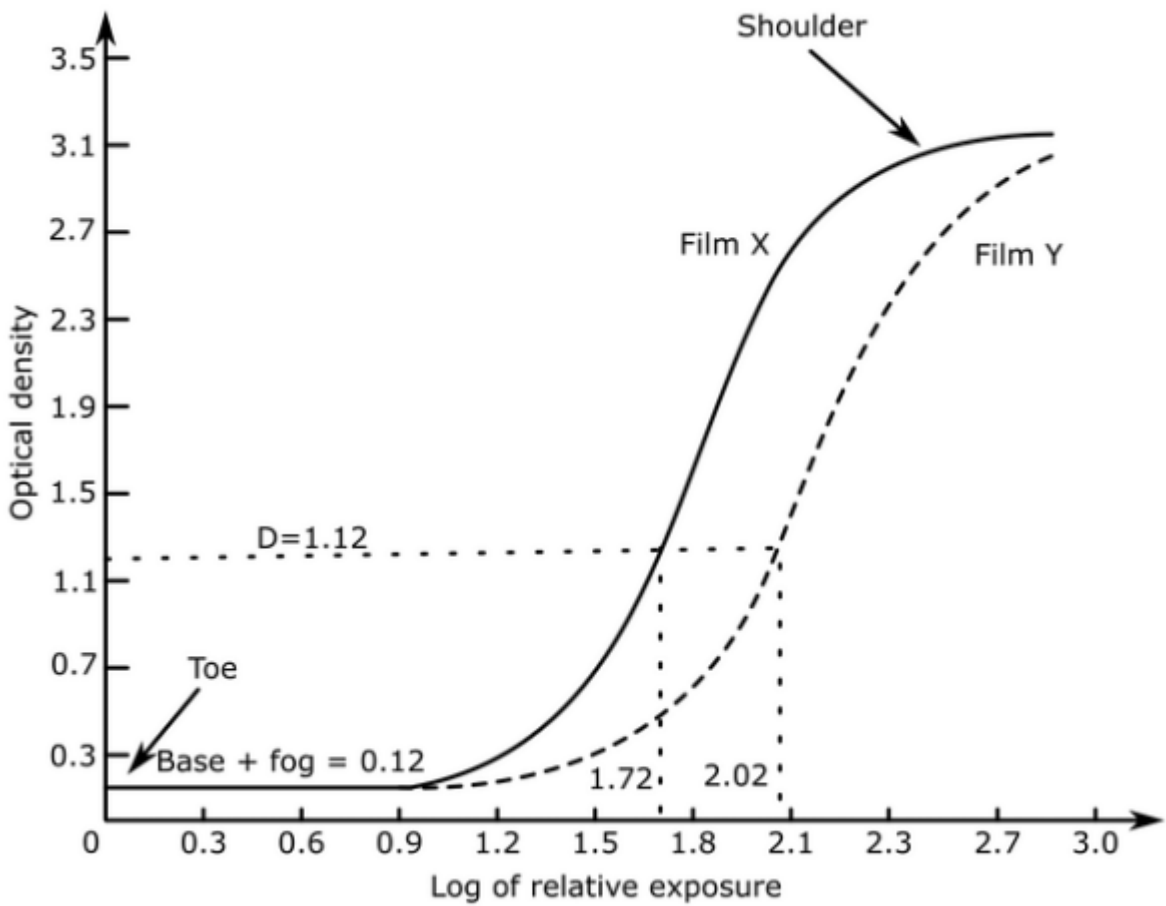
Exposure selection – Time and amperage



Sensitometric Curves



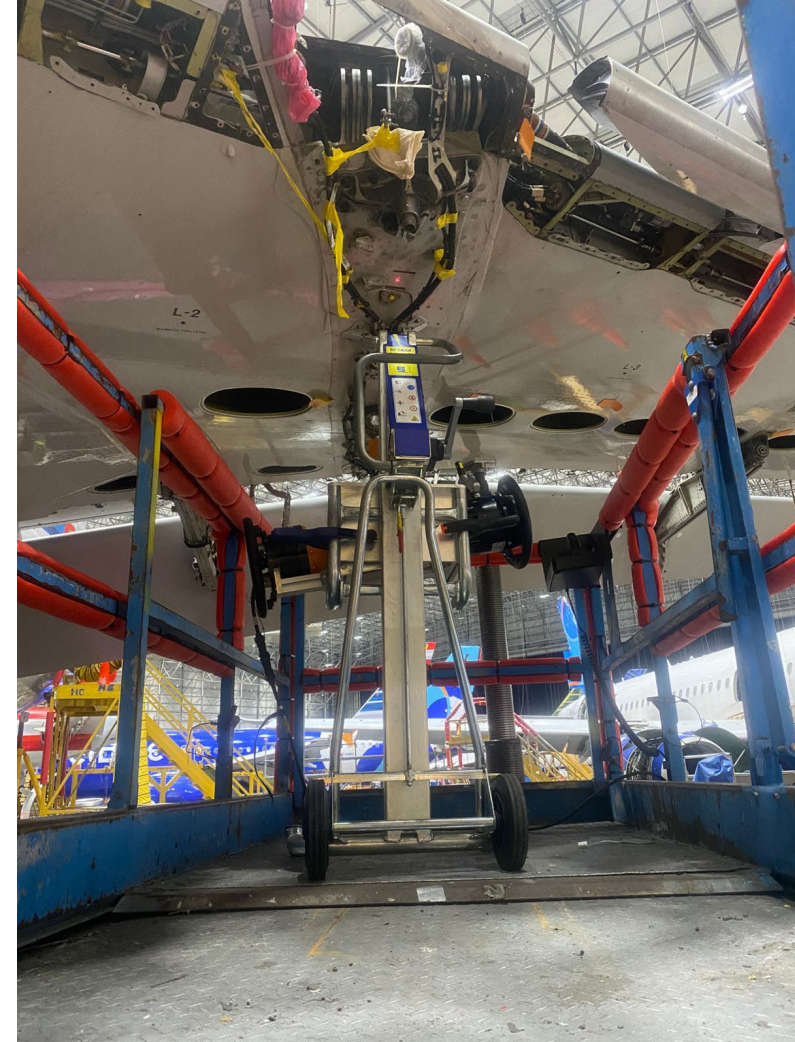
Characteristic curves of high and low speed films



EQUIPMENT SET UP



EQUIPMENT SET UP



IMAGING PROCESING



Example of exposures



Example of exposures





RESPECT

TRUST

COLLABORATION



The information contained in this document is proprietary, confidential and only for the intended recipient. Circulation or reproduction of this document outside of its intended use is not permitted. If you are not the intended recipient, please note that any use or circulation of this document is not permitted and may be cause for legal action.