

A faint, light gray world map is visible in the background of the slide.A horizontal bar with a blue gradient, transitioning from dark blue on the left to light blue on the right, spans the width of the slide.

737 MAX CBTA Type Rating Course Design

Competency-Based Training and Assessment (CBTA) Vs Traditional Training



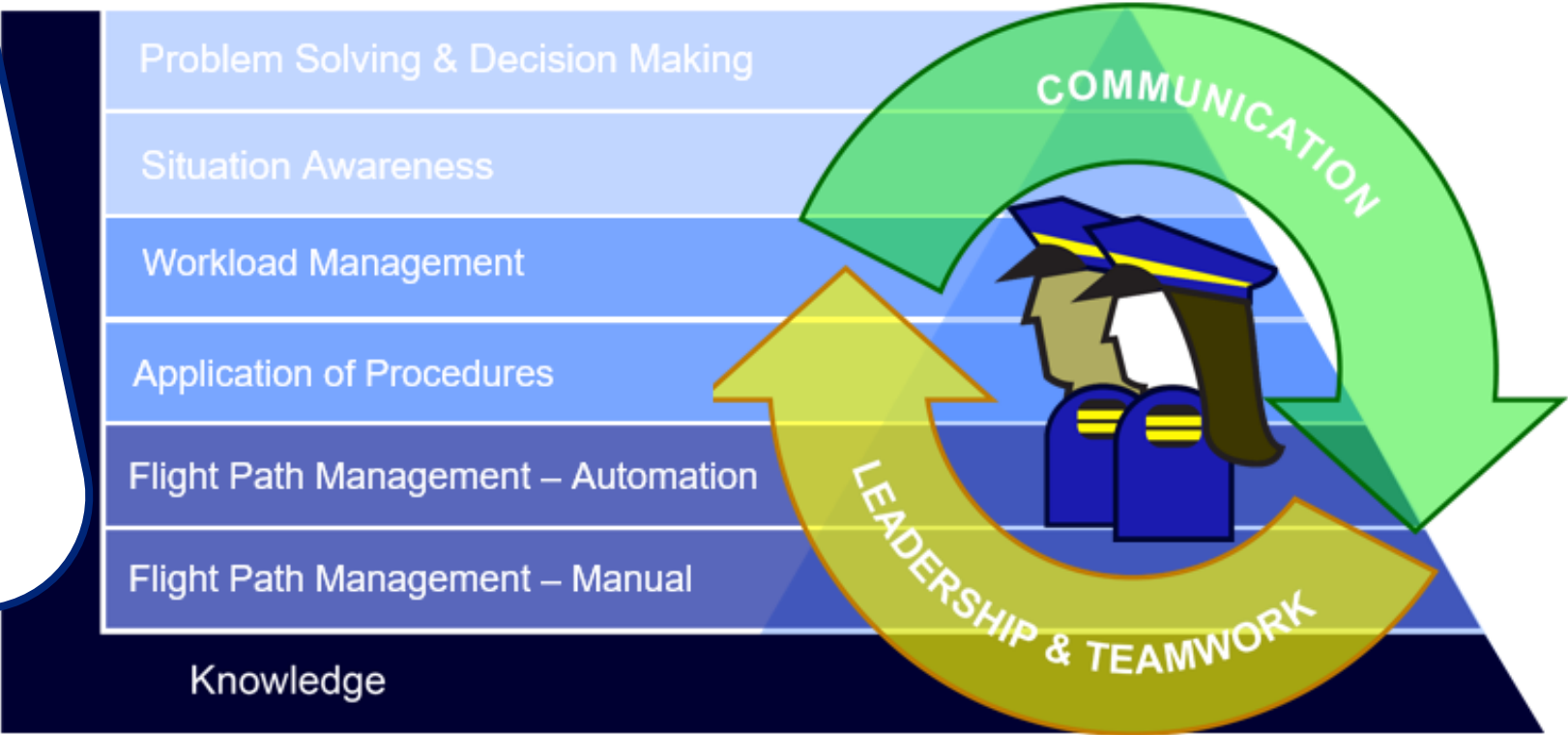
CBTA focuses on achieving proficiency in competencies that will increase resiliency in flight operations, rather than focusing on flight time and defined training events.

Consideration	Traditional Task-Based Training	Competency-Based Training
Goal	Meeting and maintaining qualification requirements.	Integrated and “outcome-focused” training aimed at providing trainees with competencies to become safe, highly effective, and efficient in performance and duties.
Emphasis	Geared more toward passing the test.	Geared toward learning the exemplar of a competent and skilled professional pilot adept at passing a test and operating with resiliency.
Expression	Expressed in quantitative terms, that prescribe inputs including required hours of study, hours of practice, tasks, and repetitions of tasks.	Expressed in both quantitative and qualitative terms that prescribe design and requirements based on training needs analysis (TNA), research of data/evidence, subject matter expert (SME) interviews, adapted competency model, mentoring and assessment plans.
Assumption	Assumes that prescribed task mastery and consideration of human factors makes a great pilot.	Assumes that holistic development of pilot competencies makes a resilient pilot and enables more adept transference of performance/solutions to other tasks and situations— <i>even tasks or situations not trained.</i>

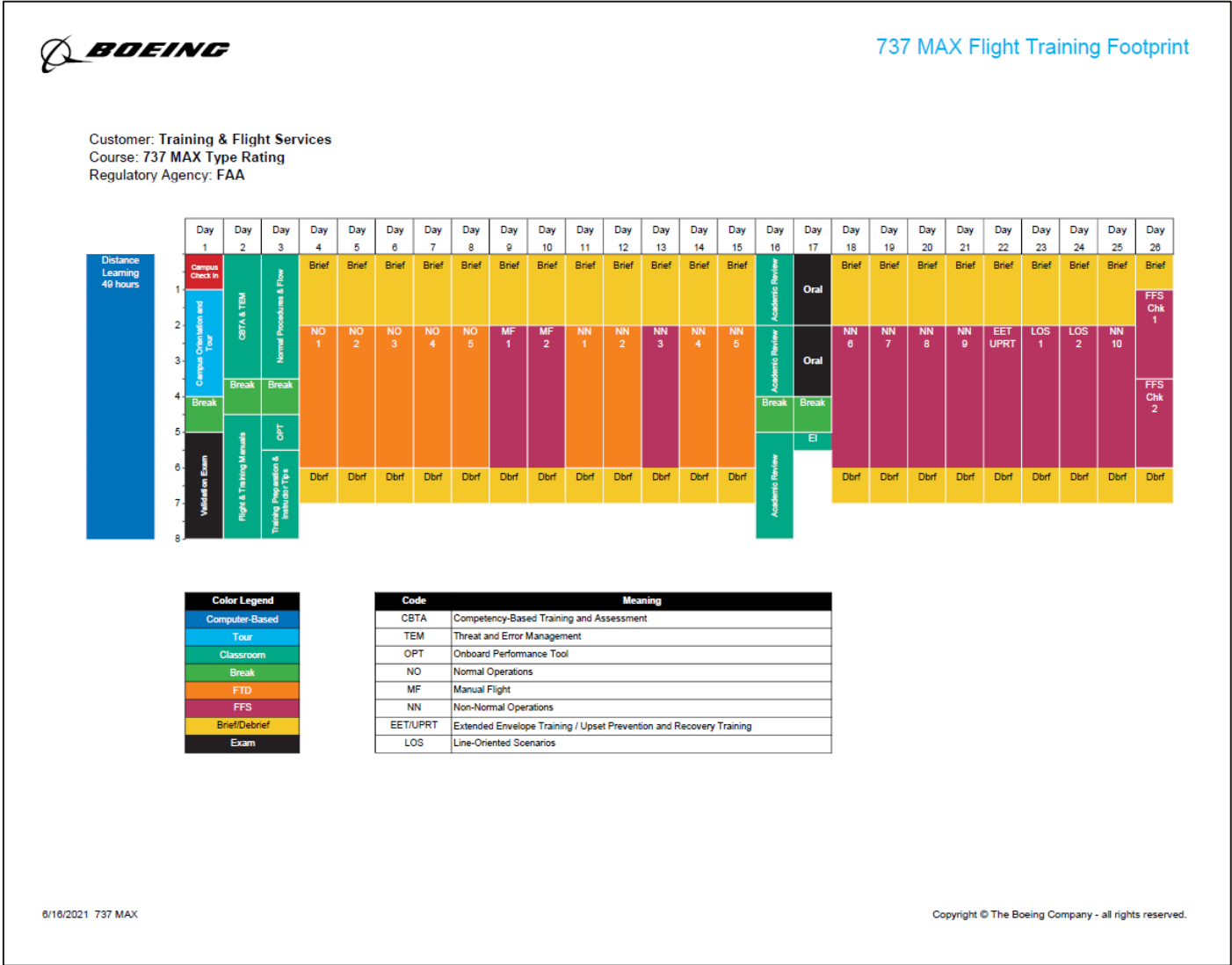
New Pilot Training Curriculum: Recurrent and Type Rating Training

Pilot competencies are interconnected through effective communication and leadership/teamwork.

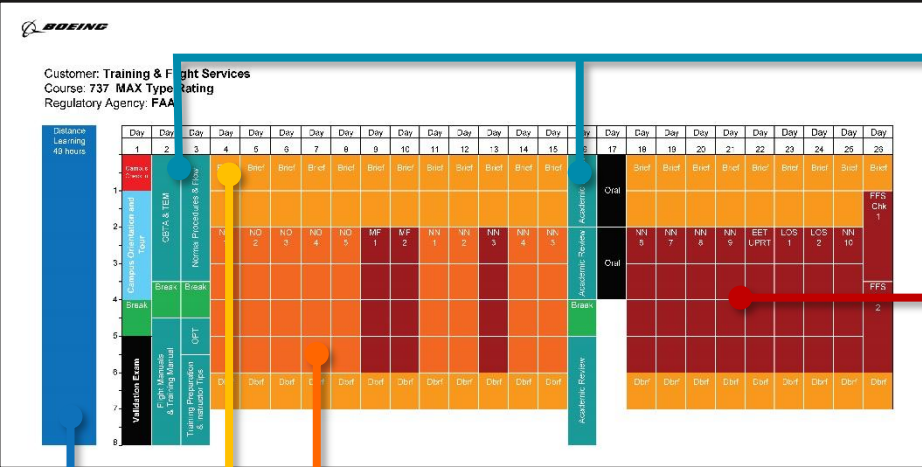
The **Pilot Competency Framework** shows building-block competency development and focus within the curriculum from a **reliable foundation** of knowledge, flight path management, and application of procedures **to the complex human factors competencies** of workload management, situation awareness, and problem-solving/decision-making.



737 MAX Type Rating



737-8/9 Footprint: Type Rating



Campus - Classrooms



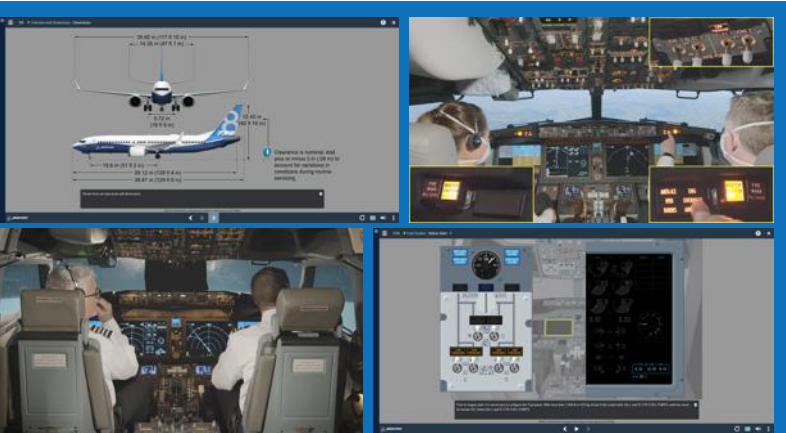
Briefing Tool



Flight Training Device (FTD)



Full-Flight Simulator (FFS)



Distance Learning

- Boeing - Pelesys CBT modules
- CBTA videos