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Mr. Ishihara is a lead system architect in the development of flight safety systems, including EGPWS Terrain Awareness System, SmartRunway[®] and SmartLanding[®]. He also supports incident and accident investigations.

Mr. Ishihara was a co-chairman of RTCA Special Committee SC-212 which developed Minimum Operating Performance Standards (MOPS) DO-309 for Helicopter TAWS. He was also a co-chairman of RTCA Special Committee SC-231 for producing fixed wing TAWS MOPS DO-367. He was a member of EUROCAE Working Group WG-101 developing MOPS for Runway Overrun Awareness and Alerting System (ROAAS). He is currently the chairman of EUROCAE WG-110 developing MOPS for Offshore Helicopter TAWS.

Mr. Ishihara is a Member of International Society of Air Safety Investigators (ISASI) and Fellow of the Royal Aeronautical Society.

Mr. Ishihara holds a private pilot license for fixed-wing and rotary-wing aircraft.