



## **NATIONAL TRANSPORTATION SAFETY BOARD**

Office of Aviation Safety  
Washington, D.C. 20594

October 16, 2018

### **Attachment 4 –Flightcrew Training Records and Summary**

# **OPERATIONAL FACTORS**

**DCA16IA215**

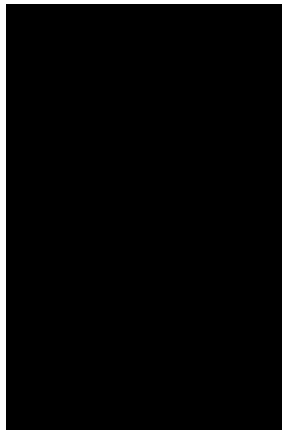
st_full_name	se_syllabus_desc	ste_date_complete	ste_item_desc	ac_aircraft_abbr	ste_syllabus_abbr
	A320 Quarterly Distance Learning - Summer	6/13/2016 15:06:00	Complete	A320	320 QDL SUMMER
	A320 Quarterly Distance Learning - Spring	3/12/2016 16:38:00	Complete	A320	320 QDL SPRING
	A320 Quarterly Distance Learning - Winter	12/14/2015 18:39:00	Complete	A320	320 QDL WINTER
	A320 Transition Operating Experience (TOE) - 25 hours	11/8/2015 00:00:00	Complete	A320	320 TOE 25hrs
	A320 Transition Operating Experience (TOE) - 25 hours	11/9/2015 09:56:00	Satisfactory	A320	320 TOE 25hrs
	E190 Quarterly Distance Learning - Fall	11/1/2015 23:38:00	Complete	E190	E90 QDL FALL
	E190 Recurrent	7/12/2015 00:00:00	Complete	E190	E90CQT
	E190 Recurrent	7/12/2015 00:00:00	Complete	E190	E90CQT
	E190 Recurrent	7/13/2015 00:00:00	Complete	E190	E90CQT
	E190 Recurrent	7/13/2015 00:00:00	Complete	E190	E90CQT
	E190 Recurrent	7/13/2015 00:00:00	Complete	E190	E90CQT
	E190 Recurrent	7/13/2015 12:30:00	Complete	E190	E90CQT
	E190 Recurrent	7/14/2015 00:00:00	Satisfactory	E190	E90CQT
	E190 Recurrent	7/14/2015 00:00:00	Satisfactory	E190	E90CQT
	E190 Recurrent	7/14/2015 08:00:00	Complete	E190	E90CQT
	Rebase - Training Due Month	7/1/2015 00:00:00	Complete		Rebase Training
	E190 Quarterly Distance Learning - Summer	6/13/2015 22:29:00	Complete	E190	E90 QDL SUMMER
	Captain's Leadership "Leading Edge"	3/23/2015 09:00:00	Complete		CA Leadership
	Captain's Leadership "Leading Edge"	3/24/2015 09:00:00	Complete		CA Leadership
	E190 Quarterly Distance Learning - Spring	3/21/2015 21:40:00	Complete	E190	E90 QDL SPRING
	E190 Quarterly Distance Learning - Winter	12/22/2014 12:36:00	Complete	E190	E190 QDL WINTER
	E190 Quarterly Distance Learning - Fall	10/1/2014 23:44:00	Complete	E190	E90 QDL FALL
	E190 Upgrade Operating Experience (UOE) - 15 hours	9/19/2014 16:34:00	Satisfactory	E190	E90 UOE 15hrs
	E190 Upgrade Operating Experience (UOE) - 15 hours	9/22/2014 00:00:00	Satisfactory	E190	E90 UOE 15hrs
	E190 Upgrade Operating Experience (UOE) - 15 hours	9/22/2014 00:00:00	Complete	E190	E90 UOE 15hrs
	E190 Upgrade	8/25/2014 00:00:00	Complete	E190	E90 UFT
	E190 Upgrade	8/25/2014 00:00:00	Satisfactory	E190	E90 UFT
	E190 Upgrade	8/25/2014 07:30:00	Complete	E190	E90 UFT
	E190 Upgrade	8/26/2014 00:00:00	Complete	E190	E90 UFT
	E190 Upgrade	8/26/2014 15:30:00	Complete	E190	E90 UFT
	E190 Upgrade	8/27/2014 00:00:00	Complete	E190	E90 UFT
	E190 Upgrade	8/27/2014 15:30:00	Complete	E190	E90 UFT
	E190 Upgrade	8/28/2014 18:00:00	Complete	E190	E90 UFT
	E190 Upgrade	8/29/2014 00:00:00	Complete	E190	E90 UFT

E190 Upgrade	8/29/2014 00:00:00	Complete	E190	E90 UFT
E190 Upgrade	8/30/2014 00:00:00	Complete	E190	E90 UFT
E190 Upgrade	8/31/2014 00:00:00	Complete	E190	E90 UFT
E190 Upgrade	9/2/2014 00:00:00	Complete	E190	E90 UFT
E190 Upgrade	9/3/2014 00:00:00	Complete	E190	E90 UFT
E190 Upgrade	9/4/2014 00:00:00	Complete	E190	E90 UFT
E190 Upgrade	9/5/2014 00:00:00	Satisfactory	E190	E90 UFT
E190 Upgrade	9/5/2014 00:00:00	Satisfactory	E190	E90 UFT
E190 Requalification Operating Experience (QOE)	7/3/2014 22:17:00	Satisfactory	E190	E90 QOE
E190 Requalification Operating Experience (QOE)	7/4/2014 00:00:00	Complete	E190	E90 QOE
E190 Quarterly Distance Learning - Winter	6/16/2014 16:43:00	Complete	E190	E190 QDL WINTER
E190 Requalification 2 (RQ-2)	6/9/2014 00:00:00	Complete	E190	E90 RQ-2
E190 Requalification 2 (RQ-2)	6/10/2014 00:00:00	Complete	E190	E90 RQ-2
E190 Requalification 2 (RQ-2)	6/11/2014 00:00:00	Complete	E190	E90 RQ-2
E190 Requalification 2 (RQ-2)	6/11/2014 00:00:00	Complete	E190	E90 RQ-2
E190 Requalification 2 (RQ-2)	6/12/2014 00:00:00	Complete	E190	E90 RQ-2
E190 Requalification 2 (RQ-2)	6/12/2014 00:00:00	Complete	E190	E90 RQ-2
E190 Requalification 2 (RQ-2)	6/12/2014 08:00:00	Complete	E190	E90 RQ-2
E190 Requalification 2 (RQ-2)	6/12/2014 09:45:00	Complete	E190	E90 RQ-2
E190 Requalification 2 (RQ-2)	6/12/2014 10:30:00	Complete	E190	E90 RQ-2
E190 Requalification 2 (RQ-2)	6/12/2014 12:30:00	Complete	E190	E90 RQ-2
E190 Requalification 2 (RQ-2)	6/13/2014 00:00:00	Satisfactory	E190	E90 RQ-2
E190 Requalification 2 (RQ-2)	6/13/2014 00:00:00	Satisfactory	E190	E90 RQ-2
E190 Quarterly Distance Learning - Fall	6/11/2014 12:43:00	Complete	E190	E90 QDL FALL
E190 Quarterly Distance Learning - Summer	6/11/2014 12:12:00	Complete	E190	E90 QDL SUMMER
E190 Quarterly Distance Learning - Spring	6/9/2014 14:46:00	Complete	E190	E90 QDL SPRING
E190 Quarterly Distance Learning - Summer	6/16/2013 10:45:00	Complete	E190	E90 QDL SUMMER
E190 Quarterly Distance Learning - Spring	3/14/2013 21:51:00	Complete	E190	E90 QDL SPRING
E190 Recurrent	3/5/2013 00:00:00	Complete	E190	E90CQT
E190 Recurrent	3/5/2013 00:00:00	Complete	E190	E90CQT
E190 Recurrent	3/6/2013 00:00:00	Complete	E190	E90CQT
E190 Recurrent	3/6/2013 00:00:00	Complete	E190	E90CQT
E190 Recurrent	3/6/2013 00:00:00	Complete	E190	E90CQT
E190 Recurrent	3/6/2013 12:30:00	Complete	E190	E90CQT
E190 Recurrent	3/6/2013 13:30:00	Complete	E190	E90CQT

E190 Recurrent	3/7/2013 00:00:00	Satisfactory	E190	E90CQT
E190 Recurrent	3/7/2013 00:00:00	Satisfactory	E190	E90CQT
E190 Recurrent	3/7/2013 08:00:00	Complete	E190	E90CQT
Aerodata Learning Notice Acknowledgement	2/15/2013 22:19:00	Complete		Aerodata LN
E190 Quarterly Distance Learning - Winter	12/23/2012 21:38:00	Complete	E190	E190 QDL WINTER
E190 Quarterly Distance Learning - Fall	9/16/2012 21:37:00	Complete	E190	E90 QDL FALL
E190 Quarterly Distance Learning - Summer	7/1/2012 08:56:00	Complete	E190	E90 QDL SUMMER
E190 Quarterly Distance Learning - Spring	3/27/2012 20:08:00	Complete	E190	E90 QDL SPRING
E190 Recurrent	3/6/2012 13:30:00	Complete	E190	E90CQT
E190 Recurrent	3/6/2012 19:30:00	Complete	E190	E90CQT
E190 Recurrent	3/7/2012 00:00:00	Complete	E190	E90CQT
E190 Recurrent	3/7/2012 09:15:00	Complete	E190	E90CQT
E190 Recurrent	3/7/2012 09:45:00	Complete	E190	E90CQT
E190 Recurrent	3/7/2012 10:30:00	Complete	E190	E90CQT
E190 Recurrent	3/7/2012 12:30:00	Complete	E190	E90CQT
E190 Recurrent	3/8/2012 00:00:00	Satisfactory	E190	E90CQT
E190 Recurrent	3/8/2012 00:00:00	Satisfactory	E190	E90CQT
E190 Recurrent	3/8/2012 08:00:00	Complete	E190	E90CQT
First Officer No-Notice Line Check	1/23/2012 13:29:00	Satisfactory	E190	E90FONNLC
Quarterly Distance Learning - Winter	12/12/2011 23:48:00	Complete	E190	QDL Winter
Quarterly Distance Learning - Fall	9/26/2011 10:22:00	Complete	E190	QDL Fall
Quarterly Distance Learning - Summer	6/21/2011 11:37:00	Complete	E190	QDL Summer
Quarterly Distance Learning - Spring	3/26/2011 16:46:00	Complete	E190	QDL Spring
Recurrent Security - Ground (RSEC)	3/7/2011 08:00:00	Complete		RSECG
Recurrent Training (AQP)	3/5/2011 00:00:00	Complete	E190	CQT
Recurrent Training (AQP)	3/5/2011 19:00:00	Complete	E190	CQT
Recurrent Training (AQP)	3/6/2011 00:00:00	Complete	E190	CQT
Recurrent Training (AQP)	3/6/2011 10:30:00	Complete	E190	CQT
Recurrent Training (AQP)	3/7/2011 00:00:00	Satisfactory	E190	CQT
Recurrent Training (AQP)	3/7/2011 00:00:00	Satisfactory	E190	CQT
Quarterly Distance Learning - Winter	12/22/2010 20:54:00	Complete	E190	QDL Winter
Quarterly Distance Learning - Fall	9/19/2010 12:37:00	Complete	E190	QDL Fall
Introduction to NavTech PBS	9/3/2010 23:13:00	Complete		INTPBS
Quarterly Distance Learning - Summer	6/28/2010 12:34:00	Complete	E190	QDL Summer
Recurrent Security - Ground (RSEC)	4/16/2010 08:00:00	Complete		RSECG

Recurrent Training (CQT)	4/14/2010 00:00:00	Complete	E190	CQT
Recurrent Training (CQT)	4/14/2010 10:00:00	Complete	E190	CQT
Recurrent Training (CQT)	4/15/2010 00:00:00	Complete	E190	CQT
Recurrent Training (CQT)	4/15/2010 10:45:00	Complete	E190	CQT
Recurrent Training (CQT)	4/16/2010 00:00:00	Satisfactory	E190	CQT
Recurrent Training (CQT)	4/16/2010 00:00:00	Satisfactory	E190	CQT
Rebase - Training Interval Change to 12 months	4/1/2010 00:00:00	Complete		Rebase CQT
Quarterly Distance Learning - Spring	3/21/2010 21:24:00	Complete	E190	QDL Spring
First Officer No-Notice Line Check	1/11/2010 14:53:00	Satisfactory	E190	E90FONNLC
PRM Recurrent Distance Learning Program	12/27/2009 22:32:00	Complete		PRM RCT
Quarterly Distance Learning - Winter	12/27/2009 22:32:00	Complete	E190	QDL Winter
Recurrent Security - CBT (RSEC)	12/27/2009 22:32:00	Complete		RSEC
Quarterly Distance Learning - Fall	9/28/2009 21:14:00	Complete	E190	QDL Fall
E190 Initial Operating Experience (Event Level)	4/25/2009 00:00:00	Complete	E190	IOE
E190 Initial Operating Experience (Event Level)	4/25/2009 00:00:00	Satisfactory	E190	IOE
Civil Reserve Air Fleet Training (CRAF)	4/14/2009 17:05:00	Complete		CRAF
Initial Flight Training (IFT)	3/20/2009 08:30:00	Complete	E190	IFT
Initial Flight Training (IFT)	3/23/2009 08:23:00	Complete	E190	IFT
Initial Flight Training (IFT)	3/24/2009 08:25:00	Complete	E190	IFT
Initial Flight Training (IFT)	3/25/2009 08:25:00	Complete	E190	IFT
Initial Flight Training (IFT)	3/26/2009 08:00:00	Complete	E190	IFT
Initial Flight Training (IFT)	3/27/2009 09:30:00	Complete	E190	IFT
Initial Flight Training (IFT)	3/31/2009 08:32:00	Complete	E190	IFT
Initial Flight Training (IFT)	4/1/2009 10:58:00	Complete	E190	IFT
Initial Flight Training (IFT)	4/2/2009 07:03:00	Complete	E190	IFT
Initial Flight Training (IFT)	4/3/2009 07:03:00	Complete (Deficient Perform	E190	IFT
Initial Flight Training (IFT)	4/4/2009 04:58:00	Complete	E190	IFT
Initial Flight Training (IFT)	4/6/2009 02:00:00	Complete	E190	IFT
Initial Flight Training (IFT)	4/7/2009 07:00:00	Complete	E190	IFT
Initial Flight Training (IFT)	4/8/2009 07:00:00	Complete	E190	IFT
Initial Flight Training (IFT)	4/10/2009 00:00:00	Satisfactory	E190	IFT
Initial Flight Training (IFT)	4/11/2009 08:30:00	Satisfactory	E190	IFT
Initial Flight Training (IFT)	4/13/2009 07:01:00	Satisfactory	E190	IFT
Initial Ground (IG)	3/11/2009 17:15:00	Complete	E190	IG
Initial Ground (IG)	3/13/2009 13:00:00	Complete	E190	IG

Initial Ground (IG)	3/14/2009 00:00:00	Complete	E190	IG
Initial Ground (IG)	3/14/2009 00:00:00	Complete	E190	IG
Initial Ground (IG)	3/14/2009 09:00:00	Complete	E190	IG
Initial Ground (IG)	3/16/2009 11:00:00	Complete	E190	IG
Initial Ground (IG)	3/16/2009 16:22:29.28	Complete	E190	IG
Initial Ground (IG)	3/17/2009 00:00:00	Complete	E190	IG
Initial Ground (IG)	3/17/2009 09:01:00	Complete	E190	IG
Initial Ground (IG)	3/18/2009 00:00:00	Complete	E190	IG
Initial Ground (IG)	3/18/2009 11:00:00	Complete	E190	IG
Initial Ground (IG)	3/19/2009 08:00:00	Complete	E190	IG
Initial Ground (IG)	3/19/2009 09:30:00	Complete	E190	IG
Initial Ground (IG)	3/27/2009 06:00:00	Satisfactory	E190	IG
Initial Ground (IG)	4/8/2009 00:00:00	Complete	E190	IG
Initial Ground (IG)	4/8/2009 00:00:00	Complete	E190	IG
Initial Ground (IG)	4/8/2009 00:00:00	Complete	E190	IG
JetBlue Customized Syllabus (Training)	4/4/2009 02:58:00	Satisfactory	E190	JCS TRNG
Initial Dangerous Goods/Hazmat (IHAZ)	3/13/2009 15:30:00	Satisfactory		IHAZ
Initial Emergency Situations (IEMER)	3/12/2009 12:30:00	Complete	E190	IEMER
Initial Emergency Drill (IED)	3/12/2009 08:30:00	Complete	E190	IED
Initial Basic Indoctrination (IBI)	3/5/2009 12:00:00	Complete		IBI
Initial Basic Indoctrination (IBI)	3/5/2009 14:00:00	Complete		IBI
Initial Basic Indoctrination (IBI)	3/5/2009 14:30:00	Complete		IBI
Initial Basic Indoctrination (IBI)	3/5/2009 15:00:00	Complete		IBI
Initial Basic Indoctrination (IBI)	3/5/2009 15:30:00	Complete		IBI
Initial Basic Indoctrination (IBI)	3/6/2009 00:00:00	Complete		IBI
Initial Basic Indoctrination (IBI)	3/6/2009 08:00:00	Complete		IBI
Initial Basic Indoctrination (IBI)	3/6/2009 08:30:00	Complete		IBI
Initial Basic Indoctrination (IBI)	3/6/2009 10:00:00	Complete		IBI
Initial Basic Indoctrination (IBI)	3/7/2009 08:00:00	Complete		IBI
Initial Basic Indoctrination (IBI)	3/7/2009 09:00:00	Complete		IBI
Initial Basic Indoctrination (IBI)	3/7/2009 10:00:00	Complete		IBI
Initial Basic Indoctrination (IBI)	3/7/2009 11:00:00	Complete		IBI
Initial Basic Indoctrination (IBI)	3/7/2009 13:00:00	Complete		IBI
Initial Basic Indoctrination (IBI)	3/7/2009 14:00:00	Complete		IBI
Initial Basic Indoctrination (IBI)	3/7/2009 16:00:00	Complete		IBI



Initial Basic Indoctrination (IBI)	3/9/2009 08:00:00	Complete	IBI
Initial Basic Indoctrination (IBI)	3/9/2009 09:00:00	Complete	IBI
Initial Basic Indoctrination (IBI)	3/9/2009 10:15:00	Complete	IBI
Initial Basic Indoctrination (IBI)	3/9/2009 11:30:00	Complete	IBI
Initial Basic Indoctrination (IBI)	3/9/2009 13:30:00	Complete	IBI
Initial Basic Indoctrination (IBI)	3/9/2009 14:30:00	Complete	IBI
Initial Basic Indoctrination (IBI)	3/9/2009 15:30:00	Complete	IBI
Initial Basic Indoctrination (IBI)	3/10/2009 07:37:00	Complete	IBI
Initial Basic Indoctrination (IBI)	3/11/2009 08:15:00	Complete	IBI
Initial Security (ISEC)	3/10/2009 08:00:00	Complete	ISEC
Initial Orientation (IOR)	3/4/2009 08:00:00	Complete	IOR
Initial Orientation (IOR)	3/5/2009 08:00:00	Complete	IOR

st_full_name	se_syllabus_desc	ste_date_complete	ste_item_desc	ssc_code_desc	ic_aircraft_abb	ste_syllabus_abbr
	A320 Quarterly Distance Learning - Summer	7/6/2016 18:33:00	Complete	Complete	A320	320 QDL SUMMER
	A320 Quarterly Distance Learning - Spring	3/26/2016 20:54:00	Complete	Complete	A320	320 QDL SPRING
	A320 Quarterly Distance Learning - Winter	12/25/2015 18:12:00	Complete	Complete	A320	320 QDL WINTER
	A320 Quarterly Distance Learning - Fall	10/15/2015 14:19:00	Complete	Complete	A320	320 QDL FALL
	Introduction to NavTech PBS	8/8/2015 13:01:00	Complete	Complete	A320	INTPBS
	A320 Quarterly Distance Learning - Summer	7/6/2015 11:17:00	Complete	Complete	A320	320 QDL SUMMER
	A320 Initial Operating Experience (IOE)	5/9/2015 13:10:00	Satisfactory	Complete	A320	320 IOE
	A320 Initial Operating Experience (IOE)	5/12/2015 00:00:00	Complete	Complete	A320	320 IOE
	A320 Initial Flight	4/4/2015 00:00:00	Complete	Complete	A320	320 IFT
	A320 Initial Flight	4/5/2015 00:00:00	Complete	Complete	A320	320 IFT
	A320 Initial Flight	4/6/2015 00:00:00	Complete	Complete	A320	320 IFT
	A320 Initial Flight	4/7/2015 00:00:00	Complete	Complete	A320	320 IFT
	A320 Initial Flight	4/9/2015 00:00:00	Complete	Complete	A320	320 IFT
	A320 Initial Flight	4/10/2015 00:00:00	Complete	Complete	A320	320 IFT
	A320 Initial Flight	4/13/2015 17:30:00	Complete	Complete	A320	320 IFT
	A320 Initial Flight	4/14/2015 00:00:00	Complete	Complete	A320	320 IFT
	A320 Initial Flight	4/15/2015 00:00:00	Complete	Complete	A320	320 IFT
	A320 Initial Flight	4/16/2015 00:00:00	Complete	Complete	A320	320 IFT
	A320 Initial Flight	4/17/2015 00:00:00	Satisfactory	Complete	A320	320 IFT
	A320 Initial Flight	4/20/2015 00:00:00	Complete	Complete	A320	320 IFT
	A320 Initial Flight	4/21/2015 00:00:00	Complete	Complete	A320	320 IFT
	A320 Initial Flight	4/22/2015 00:00:00	Complete	Complete	A320	320 IFT
	A320 Initial Flight	4/23/2015 00:00:00	Satisfactory	Complete	A320	320 IFT
	A320 Initial Flight	4/23/2015 00:00:00	Satisfactory	Complete	A320	320 IFT
	A320 Initial Flight	4/25/2015 00:00:00	Complete	Complete	A320	320 IFT
	A320 Initial Flight	4/25/2015 18:00:00	Complete	Complete	A320	320 IFT
	A320 Initial Ground	3/29/2015 00:00:00	Complete	Complete	A320	320 IG
	A320 Initial Ground	3/29/2015 00:00:00	Complete	Complete	A320	320 IG
	A320 Initial Ground	3/29/2015 00:00:00	Complete	Complete	A320	320 IG
	A320 Initial Ground	3/29/2015 00:00:00	Complete	Complete	A320	320 IG
	A320 Initial Ground	3/30/2015 00:00:00	Complete	Complete	A320	320 IG
	A320 Initial Ground	3/30/2015 00:00:00	Complete	Complete	A320	320 IG
	A320 Initial Ground	3/31/2015 00:00:00	Complete	Complete	A320	320 IG
	A320 Initial Ground	3/31/2015 00:00:00	Complete	Complete	A320	320 IG
	A320 Initial Ground	4/1/2015 00:00:00	Satisfactory	Complete	A320	320 IG
	A320 Initial Ground	4/1/2015 00:00:00	Complete	Complete	A320	320 IG
	A320 Initial Ground	4/1/2015 00:00:00	Satisfactory	Complete	A320	320 IG



Initial Basic Indoctrination Training (IBI)	3/19/2015 00:00:00	Complete	Complete	A320	IBI INDOC
Initial Basic Indoctrination Training (IBI)	3/19/2015 12:45:00	Complete	Complete	A320	IBI INDOC
Initial Basic Indoctrination Training (IBI)	3/19/2015 15:30:00	Complete	Complete	A320	IBI INDOC
Initial Basic Indoctrination Training (IBI)	3/20/2015 00:00:00	Complete	Complete	A320	IBI INDOC
Initial Basic Indoctrination Training (IBI)	3/20/2015 07:30:00	Complete	Complete	A320	IBI INDOC
Initial Basic Indoctrination Training (IBI)	3/22/2015 11:02:00	Complete	Complete	A320	IBI INDOC
Initial Basic Indoctrination Training (IBI)	3/23/2015 08:00:00	Complete	Complete	A320	IBI INDOC
Initial Basic Indoctrination Training (IBI)	3/24/2015 00:00:00	Complete	Complete	A320	IBI INDOC
Initial Basic Indoctrination Training (IBI)	3/25/2015 00:00:00	Complete	Complete	A320	IBI INDOC
Initial Dangerous Goods/Hazmat (IHAZ)	3/22/2015 11:02:00	Complete	Complete	A320	IHAZ
Initial Security (ISEC)	3/20/2015 09:00:00	Complete	Complete	A320	ISEC
A320 Initial Emergency Drill (IED)	3/20/2015 00:00:00	Complete	Complete	A320	320 IED
JetBlue Orientation	3/18/2015 08:00:00	Complete	Complete		ORIEN
JetBlue Orientation	3/19/2015 05:45:00	Complete	Complete		ORIEN

CA [REDACTED] last training event occurred on 8/27/16 – 8/29/16. This annual recurrent event (CQT) consists of two Maneuvers Train-to-Proficiency (MTP) events, a Line Oriented Evaluation (LOE), Cabin Doors training, Threat and Error Management (TEM) training, a Safety brief, and a Security class.

The MTP-1 event consisted of Pre-departure duties, with an emphasis on “Active Monitoring.” Active Monitoring was the focus of the TEM ground school. International /Oceanic Operations were trained, with various “non-normals” that required effective TEM and non-normal procedures. RNAV arrivals and approaches were trained, along with low visibility precision and cold weather approaches. Approaches terminated with go-arounds due to weather or system malfunctions. Additional external threats were introduced throughout the event that required effective use of the TEM toolkit.

The MTP-2 event reinforced “Active Monitoring” with a focus on manual flight exercises. Non-normal procedures were also reinforced with engine failures during takeoff and while flying “complex” departure procedures from a high-altitude airport with high terrain. Terrain (EGPWS) warning and escape procedures were performed. This event also trained single-engine approach and landing procedures, and an evacuation scenario. Unusual attitude and stall recovery procedures were trained at high altitude, and included a demonstration of abnormal protection “laws.” An emergency descent resulted from a loss of cabin pressure. Additional external threats included wind shear during the takeoff roll, and after takeoff at low altitudes. Go / No-Go decision making was also trained, which included rejected take-offs. Approaches consisted of RNAV and ILS approaches, and terminated with crosswind and rejected landings.

The LOE evaluates the crew as if they were operating a revenue flight. Both external and internal threats are introduced to evaluate the crew’s TEM skills. Threats included items that required execution of non-normal procedures, and crew coordination/communication with maintenance personnel and/or dispatchers to ensure legality and safe operations. Additionally, threats incorporated into the LOE required effective TEM to ensure procedural compliance as well as effectively managing increased task loading. Automation management was evaluated, along with the crew’s decision-making process. The LOE consisted of two legs that included a domestic and an Oceanic flight, and included convective weather and a diversion due to a system malfunction. Departure and arrival procedures were evaluated along with approaches which may have included an ILS, VOR, RNAV, and/or a Visual approach, depending on the crew’s decision-making process.

Throughout CQT, each crew was required to demonstrate proficiency performing all required “Memory Items.”

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