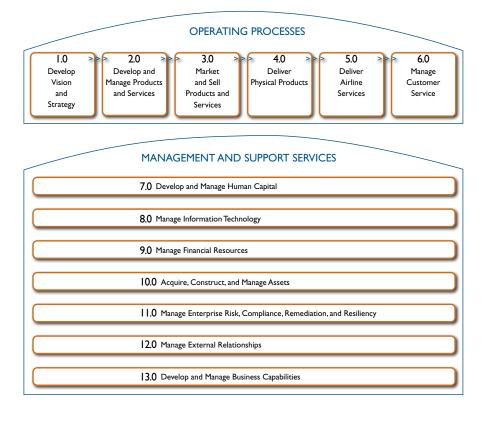
AIRLINE PROCESS CLASSIFICATION FRAMEWORK®

Version 7.2.2

AIRLINE PCF OVERVIEW

Based on the renowned Process Classification Framework® (PCF), The Airline PCF® is customized to define processes used within organizations around the world. Version 7.2.2 of the The Airline PCF® includes changes to make it compliant with the most recent information in Airline PCF® v7.0.5. This version of the PCF was developed in conjunction with IBM and contains feedback from a variety of individuals within the industry. IBM provided much of the subject matter expertise to create this industry specific process classification framework.



THE FRAMEWORK FOR PROCESS IMPROVEMENT

Experience shows that the potential of

benchmarking to drive dramatic improvement lies squarely in making out-of-the-box comparisons and searching for insights not typically found within intra-industry paradigms. To enable this beneficial benchmarking, the APQC Process Classification Framework (PCF)® serves as a high-level, industry-neutral enterprise process model that allows organizations to see their business processes from a cross-industry viewpoint. The cross-industry framework has experienced more than 20 years of creative use by thousands of organizations worldwide. The PCF provides the foundation for APQC's Open Standards Benchmarking® (OSB) database and the work of its advisory council of global industry leaders. Each version of the PCF will continue to be enhanced as the OSB database further develops definitions, processes, and measures. The PCF and associated measures and benchmarking surveys are available for download from the Open Standards Benchmarking web site at www.apqc.org/osb.

HISTORY

The cross-industry Process Classification Framework® was originally envisioned as a taxonomy of business processes and a common language through which APQC member organizations could benchmark their processes. The initial design involved APQC and more than 80 organizations with a strong interest in advancing the use of benchmarking in the United States and worldwide. Since its inception in 1992, the PCF has seen updates to most of its content. These updates keep the framework current with the ways that organizations do business around the world. In 2014, APQC worked to enhance the cross-industry PCF and updated a number of industry-specific process classification frameworks.





The PCF is written in United States English language format.

PROCESS CLASSIFICATION FRAMEWORK®

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LOOKING FORWARD

The cross-industry and industry Process Classification Frameworks are evolving models, which APQC will continue to enhance and improve regularly. Thus, APQC encourages comments, suggestions, and more importantly, the sharing of insights from having applied the PCF within your organization. Share your suggestions and experiences with the PCF by e-mailing pcf_feedback@apqc.org.

training, and tools they need to succeed. Founded in 1977, APQC is a member-based non profit serving organizations around the world in all sectors of business, education, and government. APQC is also a proud winner of the 2003, 2004, 2008, 2012, and 2013 North American Most Admired Knowledge Enterprises (MAKE) awards. This award is based on a study by Teleos, a European-based research firm, and the KNOW network.

ABOUT APQC

An internationally recognized resource for process and performance improvement, APQC helps organizations adapt to rapidly changing environments, build new and better ways to work, and succeed in a competitive marketplace. With a focus on productivity, knowledge management, benchmarking, and quality improvement initiatives, APQC works with its member organizations to identify best practices; discover effective methods of improvement; broadly disseminate findings; and connect individuals with one another and the knowledge,

ABOUT IBM

At IBM, we collaborate with our clients, bringing together business insight, advanced research and technology to give them a distinct advantage in today's rapidly changing environment. Through our integrated approach to business design and execution, we help turn strategies into action. And with expertise in 17 industries and global capabilities that span 170 countries, we can help clients anticipate change and profit from new opportunities. For more information, visit www.ibm.com/services/gbs.

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PCF LEVELS EXPLAINED

Level I - Category

10.0 Manage Enterprise Risk, Compliance, Remediation and Resiliency (16437)

Represents the highest level of process in the enterprise, such as Manage customer service, Supply chain, Financial organization, and Human resources.

Level 2 - Process Group

10.1 Manage enterprise risk (17060)

Indicates the next level of processes and represents a group of processes. Perform after sales repairs, Procurement, Accounts payable, Recruit/source, and Develop sales strategy are examples of process groups.

Level 3 - Process

10.1.4 Manage business unit and function risk (17061)

A process is the next level of decomposition after a process group. The process may include elements related to variants and rework in addition to the core elements needed to accomplish the process.

Level 4 - Activity

10.1.4.3 Develop mitigation plans for risks (16458)

Indicates key events performed when executing a process. Examples of activities include Receive customer requests, Resolve customer complaints, and Negotiate purchasing contracts.

Level 5 - Task

10.1.4.3.1 Assess adequacy of insurance cover (18129)

Tasks represent the next level of hierarchical decomposition after activities. Tasks are generally much more fine grained and may vary widely across industries. Examples include: Create business case and obtain funding and Design recognition and reward approaches.

PROCESS ELEMENT NUMBERING SCHEME

The PCF identifies each process element using a unique 5-digit reference number following the name of the process element.[i.e., (16437), (17060), (17061) (16458), (18129), shown in the above graphic]. This number will always refer to the conceptual definition of the process element. The actual process elements and actual definition may change, but conceptually the decomposition will remain consistent considering the entire scope of the PCF. A new 5-digit number will be assigned to a process element if its definition substantially changes.

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This work is based in part on an Industry Process Classification Framework ("PCF"), an open standard developed by APQC and IBM to promote benchmarking and best practices worldwide. The PCF is intended to facilitate organizational improvement through process management and benchmarking, regardless of industry, size, or geography. To download the full PCF or other industry-specific versions of the PCF, as well as associated measures and benchmarking, please visit www.apqc.org/pcf.

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		3.2.1.3		proposition with target segments		3.2.5.8		mmunication guidelines and
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	3.3.2	Establish	marketing budgets (10149)		3.3.7	Dovolon	and manage packaging strategy (10154)
		3.3.2.1	Confirm marketing alignment to business		ა.ა./	3.3.7.1	Plan packaging strategy (10154)
			strategy (10155)				
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		3.3.2.3	Create marketing budget (10157)			3.3.7.3 3.3.7.4	Execute packaging strategy (10180)
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			product/service and delivery channel/method (20009)	3.4		-	strategy (10103)
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		3.3.3.5	Evaluate pricing performance (10165)			3.4.1.4	Analyze historical and planned promotions and
		3.3.3.6	Refine pricing as needed (10166)				events (10137)
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		3.3.3.10	Achieve regulatory approval for pricing (17684)			3.4.2.3	Understand distribution objectives and identify gaps with existing strategy (18938)
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		3.3.4.1	Define promotional concepts and objectives		0.4.0	3.4.3.1	Identify alliance opportunities (10138)
			(10167)			3.4.3.2	Design alliance programs and methods for
		3.3.4.2	Develop marketing messages (10159)			0.1.0.2	selecting and managing relationships (10139)
		3.3.4.3	Define target audience (10160)			3.4.3.3	Select alliances (10140)
		3.3.4.4	Plan and test promotional activities (10168)			3.4.3.4	Develop customer trade strategy and customer
		3.3.4.5	Execute promotional activities (10169)				objectives/targets (11465)
		3.3.4.6	Evaluate promotional performance metrics (10170)			3.4.3.5	Define trade programs and funding options (11521)
		3.3.4.7	Refine promotional performance metrics (10171)			3.4.3.6	Conduct planning activities for major trade customers (11466)
		3.3.4.8	Incorporate learning into future/planned consumer promotions (10172)			3.4.3.7	Develop partner and alliance management strategies (10141)
	3.3.5		stomer management measures (10153)			3.4.3.8	Establish partner and alliance management
		3.3.5.1	Determine customer lifetime value (10173)				goals (10142)
		3.3.5.2	Analyze customer revenue trend (10174)			3.4.3.9	Establish partner and alliance agreements
		3.3.5.3	Analyze customer attrition and retention rates (10175)			3.4.3.10	(18629) Develop promotional and category
		3.3.5.4	Analyze customer metrics (10176)				management calendars (trade marketing
		3.3.5.5	Revise customer strategies, objectives, and				calendars) (11522)
			plans based on metrics (10177)			3.4.3.11	Create strategic and tactical sales plans by
	3.3.6	-	and respond to customer insight (16613)				customer (11523)
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		3.4.4.3		e variable costs (10144)		0.0.0.0	(11788)	moning and confocuting commutes		
		3.4.4.4		e overhead and fixed costs (10145)		3.5.3.10	Conduct p	rofitability analysis (11789)		
		3.4.4.5		net profit (10146)		3.5.3.11		nternal reviews (20016)		
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	3.4.6		_	management measures (10133)			(11790)			
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		3.5.1.3	•	and qualify leads/opportunities (18115)		3.5.4.2		d maintain account information		
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			(11773)	·			3.5.4.2.1	Administer key account details (10201)		
		3.5.1.5	•	opportunity win plans (18116)			3.5.4.2.2	Retrieve full customer details		
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		3.3.1.0	_	Perform sales calls (10190)			3.5.4.2.4	Record address details (10204)		
			3.5.1.8.2				3.5.4.2.5	Record contact details (10205)		
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			0.0.1.0.0	workshops (20012)				profile details (10206)		
			3.5.1.8.4	Close the sale (10192)			3.5.4.2.7	Review involved party information		
			3.5.1.8.5	Record outcome of sales process				(10207)		
				(10193)			3.5.4.2.8	Terminate involved party information		
	3.5.2	_		and accounts (10183)		0.5.4.0	D-4	(10208)		
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		3.5.2.3	-	sales/key account plan (20014)		3.5.4.6		erform cross-sell/up-sell activity		
			3.5.2.4	Establish corporate volume agreement for new accounts (18955)		0.0.1.0	(17404)	orienti di coo delli, ap delli delliviti,		
			3.5.2.5	Renew corporate volume agreement		3.5.4.7	Process ba	ack orders and updates (10199)		
			0.0.2.0	for existing accounts (18956)		3.5.4.8		lles order inquiries including post-		
			3.5.2.6	Manage customer relationships				Ilment transactions (10200)		
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				(14208)		3.5.4.10	Resolve ti	cketing Issues (18958)		
			3.5.2.7.1	Collect and merge internal and third- party customer information (16598)		3.5.4.11		Passenger Name Records (PNR) to d other check-in systems (18959)		
			3.5.2.7.2	De-duplicate customer data (16599)	3.5.5	Manage	sales partne	ers and alliances (10187)		
	3.5.3	Develop a (11779)	and manage	e sales proposals, bids, and quotes		3.5.5.1		ales and product/service training to ners/alliances (10211)		
		3.5.3.1		lequest For Proposal (RFP)/Request For Q) (11781)		3.5.5.2	Provide ce (20019)	ertification enablement training		
		3.5.3.2	.2 Refine customer requirements (11780)				3.5.5.2.1	Manage certifications and skills		
		3.5.3.3						(20020)		
		3.5.3.4	• • • • • • • • • • • • • • • • • • • •				3.5.5.2.2	Provide support to partners/alliances		
		3.5.3.5	,				0.5.5.0.0	(20021)		
		3.5.3.6	Understar (11785)	nd customer business and equirements			3.5.5.2.3	Provide marketing materials to sales partners/alliances (18641)		

		3.5.5.3	Develop sales forecast by partner (10212)			revenue (18954)
		3.5.5.4	Negotiate distribution service fees/agent	3.6.4	Manage	reservations centers (18960)
			commission (10213)		3.6.4.1	Schedule and manage call center staff (18961)
		3.5.5.5	Establish distribution agreements (18974)		3.6.4.2	Manage and monitor inbound calls (18962)
		3.5.5.6	Evaluate partner/alliance results (10214)		3.6.4.3	Manage and monitor outbound calls (18963)
		3.5.5.7	Manage sales partner/alliance master data (14209)	3.6.5	•	airline websites (18964)
3.6	Dorfo	rm rovon	ue management (passenger and cargo)		3.6.5.1	Develop content updates as needed (18965)
3.0	(1893	9)			3.6.5.2	Populate site with relevant sale and fare information (18966)
	3.6.1	Monitor	and Manage Inventory (18940)		3.6.5.3	Manage external content from service provider
		3.6.1.1	Determine dilution and displacement from			and other sources (18967)
	0.00	N A : +	codeshares (18942)	3.6.6	Manage	corporate sales (18968)
	3.6.2		and manage customer demand (18943)	3.6.7	Manage	travel agency sales (18969)
		3.6.2.1	Determine most profitable markets (18944)	3.6.8	Manage	third party electronic distribution (18970)
		3.6.2.2			3.6.8.1	Manage relationships with wholesale
		3.6.2.3	Allocate inventory at each bucket (fare class, channel) (18946)		0.0.0	distributors (18971)
		3.6.2.4	Monitor corporate business account holders news (18947)		3.6.8.2	Manage relationships with consolidators (18972)
		3.6.2.5	Determine individual incentives (18949)		3.6.8.3	Manage relationships with other distributors
						(cruise lines etc.) (18973)
		3.6.2.6	Determine overbooking quota by channel, fare class (18950)	3.6.9	Manage	alliances (18975)
		3.6.2.7	Optimize Demand management (18951)		3.6.9.1	Develop sales forecast by alliance (18976)
	3.6.3	Maximiz	e yield (18952)		3.6.9.2	Determine revenue sharing with alliance
		3.6.3.1	Identify capacity optimization opportunities			partners (18977)
			(18953)		3.6.9.3	Establish alliance agreements (18978)
		3.6.3.2	Initiate tactical pricing adjustments to maximize		3.6.9.4	Evaluate alliance performance (18979)

4.0 Deliver Physical Products (20022)

4.1	Plan f	or and al	ign supply chain resources (10215)			4.1.5.7	Calculate consolidation at source (10255)
	4.1.1	Develop	production and materials strategies (10221)			4.1.5.8	Manage collaborative replenishment planning
		4.1.1.1	Define manufacturing goals (10229)				(10256)
		4.1.1.2	Define labor and materials policies (10230)			4.1.5.9	Calculate and optimize destination dispatch
		4.1.1.3	Define outsourcing policies (10231)			4 1 F 10	plan (10258)
		4.1.1.4	Define capital expense policies (10232)			4.1.5.10	Manage dispatch plan attainment (10259)
		4.1.1.5	Define capacities (10233)			4.1.5.11	Calculate and optimize destination load plans (10260)
		4.1.1.6	Define production network and supply constraints (10234)			4.1.5.12	Manage partner load plan (10261)
		4.1.1.7	Define production process (14193)			4.1.5.13	Manage cost of supply (10262)
		4.1.1.8	Define standard operating procedures (19551)			4.1.5.14	Manage capacity utilization (10263)
		4.1.1.9	Define production workplace layout and		4.1.6		distribution planning constraints (10226)
		1.1.1.0	infrastructure (14194)			4.1.6.1	Establish distribution center layout constraints (10267)
	4.1.2	Manage	demand for products and services (10222)			4.1.6.2	Establish inventory management constraints
		4.1.2.1	Manage product/service availability (17413)			4.1.0.2	(10268)
		4.1.2.2	Develop baseline demand forecasts (10235)			4.1.6.3	Establish transportation management
		4.1.2.3	Collaborate demand with customers (10236)				constraints (10269)
		4.1.2.4	Develop demand consensus forecast (10237)			4.1.6.4	Establish storage management constraints
		4.1.2.5	Determine available to promise (10238)				(19558)
		4.1.2.6	Monitor activity against demand forecast and		4.1.7		listribution planning policies (10227)
		4107	revise forecast (10239)			4.1.7.1	Review distribution network (10264)
		4.1.2.7	Evaluate and revise demand forecasting approach (10240)			4.1.7.2	Establish sourcing relationships (10265)
		4.1.2.8	Measure demand forecast accuracy (10241)			4.1.7.3	Establish dynamic deployment policies (10266)
		4.1.2.9	Prepare and review operations plan (17414)		4.1.8	•	quality standards and procedures (10368)
	4.1.3		aterials plan (10223)			4.1.8.1	Establish quality targets (10371)
		4.1.3.1	Create unconstrained plan (10242)			4.1.8.2	Develop standard testing procedures (10372)
		4.1.3.2	Collaborate with supplier and contract		_	4.1.8.3	Communicate quality specifications (10373)
			manufacturers (10243)	4.2			ials and services (10216)
		4.1.3.3	Identify critical materials and supplier capacity (10244)		4.2.1		nourcing governance and perform category ment (10277)
		4.1.3.4	Monitor material specifications (10245)			4.2.1.1	Develop procurement plan (10281)
		4.1.3.5	Generate constrained plan (10246)			4.2.1.2	Clarify purchasing requirements (10282)
	4.1.4	4.1.3.6	Define production balance and control (14196)			4.2.1.3	Establish materials management contingency plans (10283)
	4.1.4		nd manage master production schedule (10224)			4.2.1.4	Match needs to supply capabilities (10284)
		4.1.4.1	Model production network to enable simulation and optimization (20023)			4.2.1.5	Analyze organization's spend profile (10285)
		4.1.4.2	Create master production schedule (20024)			4.2.1.6	Seek opportunities to improve efficiency and
		4.1.4.3	Maintain master production schedule (17041)				value (10286)
	4.1.5	Plan dist	ribution requirements (17042)			4.2.1.7	Collaborate with suppliers to identify sourcing
		4.1.5.1	Maintain master data (10252)		122	Dovolon	opportunities (10287)
		4.1.5.2	Manage requirements at channel (17415)		4.2.2	(20973)	sourcing and category management strategies
		4.1.5.3	Manage requirements for partners/alliances (10257)		4.2.3		uppliers and develop/maintain contracts (10278)
		4.1.5.4	Determine finished goods inventory			4.2.3.1	Select suppliers (10288)
			requirements at destination (10253)			4.2.3.2	Certify and validate suppliers (10289)
		4.1.5.5	Determine product storage facility requirements			4.2.3.3	Negotiate and establish contracts (10290)
		4150	(19555)		404	4.2.3.4	Manage contracts (10291)
		4.1.5.6	Calculate requirements at destination (10254)		4.2.4	Urder ma	nterials and services (10279)

		4.2.4.1	Process/Review requisitions (10292)			4.3.3.6	Perform root cause analysis (12046)	
		4.2.4.2	Approve requisitions (10293)		4.3.4		production records and manage lot traceability	
		4.2.4.3	Solicit/Track vendor quotes (10294)			(10370)		
		4.2.4.4	Create/Distribute purchase orders (10295)			4.3.4.1	Determine lot numbering system (10376)	
		4.2.4.5	Expedite orders and satisfy inquiries (10296)			4.3.4.2	Determine lot use (10377)	
		4.2.4.6	Reconcile purchase orders (10297)	4.4	Mana	nage logistics and warehousing (10219)		
		4.2.4.7	Research/Resolve order exceptions (10298)		4.4.1	Provide I	ogistics governance (10338)	
	405	4.2.4.8	Perform financial settlements (13943)			4.4.1.1	Translate customer service requirements into	
	4.2.5	_	suppliers (10280)				logistics requirements (10343)	
		4.2.5.1	Monitor/Manage supplier information (10299) Prepare/Analyze procurement and vendor			4.4.1.2	Design logistics network (10344)	
		4.2.5.2	performance (10300)			4.4.1.3	Communicate outsourcing needs (10345)	
		4.2.5.3	Support inventory and production processes (10301)			4.4.1.4	Develop and maintain delivery service policy (10346)	
		4.2.5.4	Monitor quality of product delivered (10302)			4.4.1.5	Optimize transportation schedules and costs	
4.3	Produ	ice/Assei	mble/Test product (10217)				(10347)	
	4.3.1	Schedule	production (10303)			4.4.1.6	Define key performance measures (10348)	
		4.3.1.1	Model and simulate plant (19563)			4.4.1.7	Define reverse logistics strategy (16905)	
		4.3.1.2	Generate line level plan (10306)		4.4.2		manage inbound material flow (20936)	
		4.3.1.3	Generate detailed schedule (10307)			4.4.2.1	Plan inbound material receipts (10349)	
		4.3.1.4	Schedule production orders and create lots			4.4.2.2	Manage inbound material flow (10350)	
		4.3.1.5	(10308) Schedule preventive (planned) maintenance			4.4.2.3	Monitor inbound delivery performance (10351)	
		1.0.1.0	(preventive maintenance orders) (10315)			4.4.2.4	Manage flow of returned products (10352)	
		4.3.1.6	Schedule requested (unplanned) maintenance			4.4.2.5	Control quality of returned parts (12708)	
			(work order cycle) (10316)			4.4.2.6	Salvage or repair returned products (20109)	
		4.3.1.7	Release production orders and create lots (10309)				4.4.2.6.1 Perform salvage activities (10366)	
	4.3.2	Produce/	(10303) 'Assemble product (10304)				4.4.2.6.2 Manage repair/refurbishment and	
	1.0.2	4.3.2.1	Manage raw material inventory (10310)		4.4.0	return to customer/stock (14195) Operate warehousing (10340)		
		4.3.2.2	Execute detailed line schedule (10311)		4.4.3	•	_	
		4.3.2.3	Report maintenance issues (10319)			4.4.3.1	Track inventory deployment (10353)	
		4.3.2.4	Rerun defective items (10313)			4.4.3.2	Receive, inspect, and store inbound deliveries (10354)	
		4.3.2.5	Monitor and optimize production process (19566)			4.4.3.3	Track product availability (10355)	
			4.3.2.5.1 Automate and control plant (19567)			4.4.3.4	Pick, pack, and ship product for delivery (10356)	
			4.3.2.5.2 Perform advanced process control			4.4.3.5	Track inventory accuracy (10357)	
			(19568)			4.4.3.6	Track third-party logistics storage and shipping	
			4.3.2.5.3 Perform real-time optimization (19569)		4.4.5.0	performance (10358)	
			4.3.2.5.4 Manage plant alarms and alerts (19570)			4.4.3.7	Manage physical finished goods inventory (10359)	
		4.3.2.6	Assess production performance (10314)			4.4.3.8	Manage warehouse transfers (20957)	
	4.3.3		quality testing (10369)		4.4.4		outbound transportation (10341)	
		4.3.3.1	Calibrate test equipment (10318)		7.7.7	4.4.4.1	Plan, transport, and deliver outbound product	
		4.3.3.2	Perform testing using the standard testing procedure (10374)				(10360)	
		4.3.3.3	Manage quality samples (20956)			4.4.4.2	Track carrier delivery performance (10361)	
		4.3.3.4	Record test results (10375)			4.4.4.3	Manage transportation fleet (10362)	
		4.3.3.5	Track and analyze non-conformance trends (12045)			4.4.4.4	Process and audit carrier invoices and documents (10363)	

5.0 Deliver Airline Services (20978)

5.1	Mana	ge flight (operations	s (18981)			5.2.3.3	Manage customer loyalty arrival lounges
	5.1.1	Manage	aircraft ass	ignment and routing (18982)		E 2 4	Dec. :: -! - !	(19016)
		5.1.1.1	Assign ai (18983)	rcraft tail numbers to flight legs		5.2.4	5.2.4.1	paggage services (19017) Provide outbound baggage services (19018)
		5.1.1.2	Evaluate	maintenance requirements (18984)				5.2.4.1.1 Conduct baggage security checks
		5.1.1.3		assignment schedule to systems control (SOC) (18985)				(19019) 5.2.4.1.2 Sort baggage and transport to
	5.1.2	Manage	gates (1898	36)			F 0 4 0	aircraft (19020)
		5.1.2.1	Define ga	ite assignments and schedule (18987)			5.2.4.2	Provide transfer baggage services (19021)
			5.1.2.1.1	Review flight schedule and aircraft types (18988)			5.2.4.3	Provide inbound baggage services (19022) 5.2.4.3.1 Unload local baggage from flight
			5.1.2.1.2	Determine schedule based upon constraints (18989)				(19023) 5.2.4.3.2 Transfer baggage to baggage claim (19024)
		5.1.2.2		ground crew assignment plan and ew (18990)			5.2.4.4	Provide baggage recovery services (19025)
			5.1.2.2.1 Determine management of gat zone or by gate) (18991)		5.3	Mana	5.2.4.5 ige crew	Manage baggage handling operations (19026) and ramp operations (19027)
			5.1.2.2.2	Determine available gates (18992)		5.3.1	Manage	flight crew preparations (19028)
			5.1.2.2.3	Review crew schedule and assign crew (18993)			5.3.1.1	Determine bid schedule (19029) 5.3.1.1.1 Determine resource requirement
	5.1.3	Prepare t	o close out	flight (18994)				(19030)
		5.1.3.1	Estimate	and refine aircraft load (18995)				5.3.1.1.2 Determine reserves required (19031)
			5.1.3.1.1	1 0 0				5.3.1.1.3 Provide bid services (19032)
				cargo/fuel payload (zero fuel)			5.3.1.2	Manage crew bid process (19033)
			5.1.3.1.2	(18996)			5.3.1.3	Book crew accommodations (19034)
				Determine fuel requirements (18997) Create and sign off on load plan			5.3.1.4	Produce assignment plans (19035)
			0.1.0.1.0	(18998)		5.3.2	_	cockpit operations (19036)
				Manage dangerous goods (18999)			5.3.2.1	Develop flight plan and submit to air traffic control (19037)
			5.1.3.1.5	Perform final balance trim at aircraft side (19000)			5.3.2.2	Perform pre-flight checks (19038)
			51316	Communicate final load to pilot			5.3.2.3	Prepare for departure (19039)
			011101110	(19001)			5.3.2.4	Conduct take-off (19040) Monitor weather (19041)
		5.1.3.2	Close out	gate (19002)			5.3.2.5 5.3.2.6	Prepare for arrival (19042)
5.2	Provi	de airline	services	to passengers (19003)		5.3.3		flight crew reporting (19043)
	5.2.1	Manage	customer d	epartures (19004)		0.0.0	5.3.3.1	Prepare in-flight incident reports (19044)
		5.2.1.1		check-in (19005)			5.3.3.2	Prepare maintenance reports (19045)
		5.2.1.2	Ū	security processing (19006)		5.3.4		cabin services (19046)
		5.2.1.3	Manage _I	ore-departure gate process (19007)			5.3.4.1	Conduct pre-departure activities (19047)
		5.2.1.4	Manage _I	passenger boarding process (19008)				5.3.4.1.1 Assist passengers with boarding
	5.2.2	Monitor of	customer tr	ansfers (19009)				(19048)
		5.2.2.1	Provide tr	ansfer flight information (19010)				5.3.4.1.2 Verify passenger identity (19049)
		5.2.2.2	Provide tr	ransit check-in service (19011)				5.3.4.1.3 Conduct pre-flight briefing of crew
		5.2.2.3	Manage to partners (transfers to/from non-interline 19012)				(19050) 5.3.4.1.4 Manage onboard catering (19051)
	5.2.3	Manage	customer a	rrivals (19013)				5.3.4.1.5 Perform safety briefing (19052)
		5.2.3.1	Meet and	l assist incoming passengers (19014)				5.3.4.1.6 Complete cabin check (19053)
		5.2.3.2	Manage : (19015)	security/customs and immigration			5.3.4.2	Conduct in-flight activities (19054) 5.3.4.2.1 Administer entertainment (19055)

			5.3.4.2.2	Prepare, serve and dispose of food			5.5.1.8	Measure forecast accuracy (20049)
				and beverages (19056)		5.5.2	Create ar	nd manage resource plan (20050)
			5.3.4.2.3	Sell duty-free (19057)			5.5.2.1	Define and manage skills taxonomy (20051)
			5.3.4.2.4	Retrieve connecting gate information			5.5.2.2	Create resource plan (20052)
			5.3.4.2.5	(19058) Conduct emergency procedures			5.5.2.3	Match resource demand with capacity, skills, and capabilities (20053)
		5.3.4.3	Conduct p	(19059) oost-flight activities (19060)			5.5.2.4	Collaborate with suppliers and partners to supplement skills and capabilities (20054)
			5.3.4.3.1	Assist passengers de-planning (19061)			5.5.2.5	Identify critical resources and supplier capacity (20055)
			5.3.4.3.2	Complete post-flight report (19062)			5.5.2.6	Monitor and manage resource capacity and
			5.3.4.3.3	Provide post-crew report (19063)				availability (20056)
			5.3.4.3.4	Monitor crew performance (19064)		5.5.3	Enable se	ervice-delivery resources (12127)
	5.3.5	Manage r	amp opera	tions (19065)			5.5.3.1	Develop service delivery training plan (12128)
		5.3.5.1	Provide ca	atering (19066)			5.5.3.2	Develop training materials (12129)
		5.3.5.2	Provide ca	abin cleaning services (19067)			5.5.3.3	Manage training schedule (12131)
		5.3.5.3	Provide fu	iel servicing (19068)			5.5.3.4	Deliver operations training (12132)
		5.3.5.4	Provide w	rater servicing (19069)			5.5.3.5	Deliver technical training (12133)
		5.3.5.5	De-ice air	craft (19070)			5.5.3.6	Perform skill and capability testing (20057)
5.4	Establ	ish servi	ce deliver	y governance and strategies			5.5.3.7	Evaluate training effectiveness (12135)
	(20026	5)			5.6	Delive	er service	e to customer (20058)
	5.4.1	Establish	service del	ivery governance (20027)		5.6.1	Initiate se	ervice delivery (20059)
		5.4.1.1	Set up an	d maintain service delivery			5.6.1.1	Review contract and agreed terms (20060)
			-	ce and management system (20028)			5.6.1.2	Understand customer requirements and define
		5.4.1.2	_	service delivery performance (20029)				refine approach (20061)
		5.4.1.3	-	service delivery development and			5.6.1.3	Modify/revise and approve project plan (20062)
		F 4 1 4	direction				5.6.1.4	Review customer business objectives (20063)
		5.4.1.4		edback from customer on service atisfaction (20031)			5.6.1.5	Confirm environmental readiness (20064)
	5.4.2	Develop s		very strategies (20032)			5.6.1.6	Identify, select, and assign resources (20065)
	01.112	5.4.2.1		rvice delivery goals (20033)				5.6.1.6.1 Establish people objectives (20066) 5.6.1.6.2 Establish engagement rules (20067)
		5.4.2.2		por policies (20034)			5.6.1.7	Plan for service delivery (20068)
		5.4.2.3		resource availability (20035)		5.6.2		service delivery (20069)
		5.4.2.4		rvice delivery network and supply		0.0.2	5.6.2.1	Analyze environment and customer needs (20070)
		5.4.2.5		rvice delivery process (20037)			5.6.2.2	Define solution (20071)
		5.4.2.6		nd validate service delivery			5.6.2.3	Validate solution (20072)
			procedure	es (20038)			5.6.2.4	Identify changes (20073)
	5.4.2.7	Define se	rvice delive	ery workplace layout and infrastructure			5.6.2.5	Obtain approval to proceed (20074)
		(20039)					5.6.2.6	Make build/buy solution (20075)
5.5	Mana	ge servic	e delivery	resources (20040)			5.6.2.7	Deploy solution (20076)
	5.5.1	Manage s	service deli	very resource demand (20041)		5.6.3		e service delivery (20077)
		5.5.1.1	Monitor p	ipeline (20042)			5.6.3.1	Conduct service delivery/project review and
		5.5.1.2	Develop b	paseline forecasts (20043)				evaluate success (20078)
		5.5.1.3	Collabora	te with customers (20044)			5.6.3.2	Complete/finalize financial management
		5.5.1.4	Develop o	onsensus forecast (20045)				activities (20079)
		5.5.1.5		e availability of skills to deliver on nd forecast customer orders (20046)			5.6.3.3	Confirm delivery according to contract terms (20080)
		5.5.1.6		ctivity against forecast and revise			5.6.3.4	Release resources (20081)
			forecast (· -			5.6.3.5	Manage service delivery completion (20082)
		5.5.1.7		and revise forecasting approach			5.6.3.6	Harvest knowledge (20083)
			(20048)				5.6.3.7	Archive records and update systems (20084)

6.0 Manage Customer Service (20085)

6.1	Devel	op custo	mer care/customer service strategy (10378)				redressal	(19072)		
	6.1.1	Define cu	ustomer service requirements across the		6.2.4	Process r	eturns (200	094)		
			e (20086)			6.2.4.1	Authorize	return (10364)		
	6.1.2	Define cu	ustomer service experience (20087)			6.2.4.2	Process re	eturn and record reason (20095)		
	6.1.3		nd manage customer service channel strategy		6.2.5					
		(20088)		6.3	Servi	Service products after sales (12658)				
	6.1.4		ustomer service policies and procedures (10382)		6.3.1	3.1 Register products (20605)				
	6.1.5	Establish (10383)	target service level for each customer segment		6.3.2	_	-	aims (12669)		
	6.1.6		varranty offering (20089)			6.3.2.1	Receive v	varranty claim (20096)		
	0.1.0	6.1.6.1	Determine and document warranty policies			6.3.2.2	Validate	warranty claim (12671)		
		0.1.0.1	(16893)			6.3.2.3	Investiga	te warranty issues (20097)		
		6.1.6.2	Create and manage warranty rules/claim codes for products (16890)					Define issue (20098) Schedule field service (12677)		
		6.1.6.3	Agree warranty responsibilties with suppliers (20090)				6.3.2.3.3	Request and receive defective part (12678)		
		6.1.6.4	Define warranty related offerings for customers (20091)				6.3.2.3.4	Investigate issue/perform root cause analysis (20099)		
		6.1.6.5	Communicate warranty policies and offerings (12673)				6.3.2.3.5	Receive investigation result/ recommendation for corrective		
	6.1.7	Develop	recall strategy (20092)					action (20100)		
6.2	Plan a	and mana	ge customer service contacts (10379)			6.3.2.4		e responsible party (20101)		
	6.2.1	Plan and	manage customer service work force (10387)			6.3.2.5		pre-authorizations (20102)		
		6.2.1.1	Forecast volume of customer service contacts			6.3.2.6		or reject warranty claim (12668)		
			(10390)			6.3.2.7	(20103)	iginator of approve/reject decision		
		6.2.1.2	Schedule customer service work force (10391)			6.3.2.8		e payment (20104)		
		6.2.1.3	Track work force utilization (10392)			6.3.2.9		im (20105)		
		6.2.1.4	Monitor and evaluate quality of customer			6.3.2.10		e warranty transaction disposition		
			interactions with customer service representatives (10393)				(12667)			
	6.2.2	Manage	customer service problems, requests, and		6.3.3	Manage	supplier red	covery (20106)		
	0.2.2	inquiries				6.3.3.1	Create su	ipplier recovery claims (20107)		
		6.2.2.1	Receive customer problems, requests, and			6.3.3.2		e recoveries with suppliers (20108)		
			inquiries (10394)		6.3.4	-	roducts (10			
		6.2.2.2	Analyze problems, requests, and inquiries (13482)			6.3.4.1		specific service requirements for I customer (10320)		
		6.2.2.3	Resolve customer problems, requests, and inquiries (10395)					Process customer request (10324) Create customer profile (10325)		
		6.2.2.4	Respond to customer problems, requests, and inquiries (10396)			6242		Generate service order (10326) nd schedule resources to meet service		
		6.2.2.5	Identify and capture upsell/cross-sell opportunities (16928)			6.3.4.2	requireme	ents (10321)		
		6.2.2.6	Deliver opportunity to sales team (16937)				6.3.4.2.1	Create resourcing plan and schedule (10327)		
	6.2.3		customer complaints (10389)				63422			
		6.2.3.1	Receive customer complaints (10397)					schedule (10328)		
		6.2.3.2	Route customer customer complaints (10398)			6.3.4.3	Provide s	ervice to specific customers (10322)		
		6.2.3.3	Resolve customer complaints (10399)					Organize daily service order		
		6.2.3.4	Respond to customer customer complaints				0.0.1.=	fulfillment schedule (10330)		
		0.6.5.=	(10400)					Execute product repair (10331)		
		6.2.3.5	Analyze customer complaints and response/				6.3.4.3.3	Manage service order fulfillment (10332)		

		6.3.4.4	•	ality of service (10323)		6.5.2.1	Solicit customer feedback on complaint
			6.3.4.4.1	Identify completed service orders for			handling and resolution (11236)
				feedback (10334)		6.5.2.2	Analyze customer complaint data and identify
			6.3.4.4.2	, ,			improvement opportunities (11237)
				and service failures (10335)		6.5.2.3	Identify common customer complaints (11689)
			6.3.4.4.3	Solicit customer feedback on services delivered (10336)	6.5.3		customer satisfaction with products and services
			6.3.4.4.4	Process customer feedback on		(10403)	
				services delivered (10337)		6.5.3.1	Gather and solicit post-sale customer feedback
6.4	Mana	ge produ	ct recalls	and regulatory audits (20110)			on products and services (11238)
	6.4.1		ecall (20111			6.5.3.2	Solicit post-sale customer feedback on ad effectiveness (11239)
	6.4.2	any hazar	ds (20112)	and consequences of occurrence of		6.5.3.3	Solicit customer feedback on cross-channel experience (20117)
	6.4.3	_		ed communications (20113)		0.5.0.4	·
	6.4.4			ports (20114)		6.5.3.4	Analyze product and service satisfaction data
	6.4.5			ecall effectiveness (20115)			and identify improvement opportunities (11240)
	6.4.6	Manage	recall termi	nation (20116)		6.5.3.5	Provide feedback and insights to appropriate
6.5		ate custo acion (20		ce operations and customer			teams (product design/development, marketing, manufacturing) (11241)
	6.5.1			atisfaction with customer problems,	6.5.4	Evaluate	and manage warranty performance (12672)
	0.0.1		and inquir	es handling (10401)		6.5.4.1	Measure customer satisfaction with warranty
		6.5.1.1		stomer feedback on customer service			handling and resolution (20118)
			experienc			6.5.4.2	Monitor and report on warranty management
		6.5.1.2		ustomer service data and identify ent opportunities (11688)		0.5.4.0	metrics (12676)
		6.5.1.3		ustomer feedback to product		6.5.4.3	Identify improvement opportunities (20119)
		0.0.1.0		ent on customer service experience		6.5.4.4	Identify opportunities to eliminate warranty waste (12674)
	6.5.2	Measure	, ,	atisfaction with customer- complaint		6.5.4.5	Investigate fraudulent claims (20120)
	5.5.L			tion (10402)	6.5.5	Evaluate	recall performance (20121)

7.0 Develop and Manage Human Capital (10007)

7.1			nanage human resources planning, policies,			7.2.1.7	_	requisition dates (10452)	
		trategies			7.2.2		Recruit/Source candidates (10440)		
	7.1.1	Develop 7.1.1.1	human resources strategy (20958) Identify strategic HR needs (10418)			7.2.2.1	Determini (10453)	e recruitment methods and channels	
		7.1.1.2	Define HR and business function roles and			7.2.2.2	Perform r	ecruiting activities/events (10454)	
			accountability (10419)			7.2.2.3	Manage r	recruitment vendors (10455)	
		7.1.1.3	Determine HR costs (10420)			7.2.2.4	Manage 6	employee referral programs (17047)	
		7.1.1.4	Establish HR measures (10421)			7.2.2.5	Manage r	recruitment channels (17048)	
		7.1.1.5	Communicate HR strategies (10422)		7.2.3	Screen a	and select ca	andidates (20123)	
		7.1.1.6	Develop strategy for HR systems/technologies/tools (10432)			7.2.3.1	Identify a (10456)	nd deploy candidate selection tools	
		7.1.1.7	Manage employer branding (20606)			7.2.3.2		candidates (10457)	
	7.1.2	Develop	and implement workforce strategy and policies			7.2.3.3		lidates (10458)	
		(17045)				7.2.3.4	Select an	d reject candidates (10459)	
		7.1.2.1	Gather skill requirements according to		7.2.4	Manage		e-hire (10443)	
			corporate strategy and market environment			7.2.4.1		and make offer (10463)	
		7400	(10423)			7.2.4.2	•	e offer (10464)	
		7.1.2.2	Plan employee resourcing requirements per business unit/organization (10424)			7.2.4.3	_	idate (10465)	
		7.1.2.3	Develop compensation plan (10425)		7.2.5	Manage	applicant ir	nformation (10444)	
		7.1.2.0	7.1.2.3.1 Establish incentive plan (10210)			7.2.5.1	Obtain ca	ndidate background information (10460)	
		7.1.2.4	Develop succession plan (10426)			7.2.5.2	Create ap	pplicant record (10466)	
		7.1.2.5	Develop high performers/leadership programs			7.2.5.3	Manage/	track applicant data (10467)	
			(16938)				7.2.5.3.1	Complete position classification and level of experience (20124)	
		7.1.2.6	Develop employee diversity plan (10427)			7.2.5.4	Archive a	nd retain records of non-hires (10468)	
		7.1.2.7	Develop training program (11622)	7.0	B.#				
		7.1.2.8	Develop recruitment program (11623)	7.3	(2059	-	oyee on bo	earding, development, and training	
		7.1.2.9	Develop other HR programs (10428)						
		7.1.2.10	Develop HR policies (10429)		7.3.1	•		prientation and deployment (10469)	
		7.1.2.11	Administer HR policies (10430)			7.3.1.1	(10474)	aintain employee on-boarding program	
		7.1.2.12	Plan employee benefits (10431)				7.3.1.1.1	Develop employee induction	
		7.1.2.13	Develop workforce strategy models (10433)				7.3.1.1.1	program (10477)	
	710		Implement workforce strategy models (20122)				73112	Maintain/Update employee	
	7.1.3	7.1.3.1	and update strategy, plans, and policies (10417) Measure realization of objectives (10434)					induction program (10478)	
		7.1.3.2	Measure contribution to business strategy (10435)			7.3.1.2		the effectiveness of the employee	
		7.1.3.3	Communicate plans and provide updates to			7.3.1.3		ng program (11243) n-boarding program (17050)	
			stakeholders (10436)		7.3.2			performance (10470)	
		7.1.3.4	Review and revise HR plans (10438)		7.0.2	7.3.2.1		nployee performance objectives (10479)	
	7.1.4	•	competency management models (17046)			7.3.2.1		appraise, and manage employee	
7.2	Recru	iit, sourc	e, and select employees (10410)			7.0.2.2		nce (10480)	
	7.2.1	Manage	employee requisitions (10439)			7.3.2.3		and review performance program	
		7.2.1.1	Align staffing plan to work force plan and				(10481)		
		7010	business unit strategies/resource needs (10445)		7.3.3	-		development (10472)	
		7.2.1.2	Develop and maintain job descriptions (10447)			7.3.3.1		nployee development guidelines (10487)	
		7.2.1.3	Open job requisitions (10446)			7.3.3.2 Develop employee career plans and career			
		7.2.1.4 Post job requisitions (10448)				700-	488)		
		7.2.1.5	Modify job requisitions (10450)			7.3.3.3		employee skill and competency	
		7.2.1.6	Notify hiring manager (10451)				ueveiopm	ent (17051)	

	7.3.4	Develop		mployees (10473)			7.5.2.1	Deliver employee benefits program (10504)
		7.3.4.1		ployee with organization development			7.5.2.2	Administer benefit enrollment (10505)
			needs (10				7.5.2.3	Process claims (10506)
		7.3.4.2		nployee competencies (16940)			7.5.2.4	Perform benefit reconciliation (10507)
		7.3.4.3	Align lear (10491)	ning programs with competencies		7.5.3	Manage	employee assistance and retention (10496)
		7.3.4.4		training needs by analysis of required			7.5.3.1	Deliver programs to support work/life balance
		7.0.4.4		able skills (10492)			7.5.0.0	for employees (10508)
		7.3.4.5	Develop,	conduct, and manage employee and/			7.5.3.2	Develop family support systems (10509)
			_	ement training programs (10493)			7.5.3.3	Review retention and motivation indicators (10510)
		7.3.4.6	_	examinations and certifications (20125)			7.5.3.4	Review compensation plan (10511)
			7.3.4.6.1	Liaise with external certification authorities (20126)		7.5.4		ter payroll (10497)
			7.3.4.6.2	Administer certification tests	7.6	Rede	ploy and	retire employees (10413)
				(20127)		7.6.1	Manage	promotion and demotion process (10512)
			7.3.4.6.3	Appraise experience qualifications (20128)		7.6.2	Manage	separation (10513)
			7.3.4.6.4	Administer certificate issue and		7.6.3	Manage	retirement (10514)
			7.3.4.0.4	maintenance (20129)		7.6.4	Manage	leave of absence (10515)
		7.3.4.7	Manage a	air crew qualifications (19077)		7.6.5	Develop	and implement employee outplacement (10516)
			7.3.4.7.1	Qualify pilot on aircraft (19078)		7.6.6	Manage	workforce scheduling (20132)
			7.3.4.7.2	Qualify flight attendant on aircraft (19079)			7.6.6.1	Receive required resources/skills and capabilities (20133)
7.4	Mana	nge emplo	ovee relati	ons (17052)			7.6.6.2	Manage resource deployment (10517)
	7.4.1	-	_	ons (10483)		7.6.7	Relocate	e employees and manage assignments (17055)
	7.4.2	_		pargaining process (10484)			7.6.7.1	Manage expatriates (10520)
	7.4.3	_		gement partnerships (10485)	7.7	Mana	age empl	oyee information and analytics (17056)
	7.4.4	_		grievances (10531)		7.7.1	Manage	reporting processes (10522)
7.5	Rewa	ard and re	tain empl	oyees (10412)		7.7.2	_	employee inquiry process (10523)
	7.5.1		-	e reward, recognition, and motivation		7.7.3	_	and maintain employee data (10524)
	7.0.1		s (10494)	o roward, rooogimaon, and mouvation		7.7.4		human resource information systems HRIS
		7.5.1.1	•	salary/compensation structure and			(10525)	
			plan (104	•		7.7.5	Develop	and manage employee metrics (10526)
		7.5.1.2	-	penefits and reward plan (10499)		7.7.6	•	and manage time and attendance systems
		7.5.1.3		ompetitive analysis of benefit and			(10527)	
		7.5.1.4	rewards (ompensation requirements based on		7.7.7	•	/Collect employee suggestions and perform
		7.0.1.4	,	benefits, and HR policies (10501)				ee research (10530)
		7.5.1.5		er compensation and rewards to	7.8		•	oyee communication (17057)
			employee			7.8.1		employee communication plan (10529)
		7.5.1.6		nd motivate employees (10503)		7.8.2	Conduct	employee engagement surveys (16944)
	7.5.2	Manage	and admini	ster benefits (10495)	7.9	Deliv	er emplo	yee communications (10532)

8.0 Manage Information Technology (IT) (20607)

8.1	Devel	op and m	anage IT customer relationships (20608)				services (20647)
	8.1.1	-	nd IT customer needs (20609)			8.1.7.4	Synthesize and distribute IT
	0.1.1	8.1.1.1	Understand IT customer communities (20610)				performance information (20938)
		8.1.1.2	Assess IT customer operational capabilities	8.2	Devel	op and m	anage IT business strategy (20652)
	8.1.2	Identify I	(20611) T customer transformation needs (20612)		8.2.1	Define bu (20653)	usiness technology and governance strategy
		8.1.2.1	Understand business requirements for IT capabilities (20613)			8.2.1.1	Build and maintain IT strategic intelligence (20654)
		8.1.2.2 8.1.2.3	Understand IT landscape(20614) Develop IT visioning (20615)			8.2.1.2	Monitor and map current and emerging technologies (20655)
		8.1.2.4	Outline IT service expectations (20616)			8.2.1.3	Define and communicate digital transformation
	8.1.3		communicate IT services (20617)				strategy (20656)
		8.1.3.1	Manage IT customer expectations (20618)			8.2.1.4	Develop IT strategic alignment (20657)
		8.1.3.2	Define future IT services (20619)			8.2.1.5	Articulate IT alignment principles (20658)
		8.1.3.3	Determine IT performance indicators (20620)			8.2.1.6	Maintain IT strategic alignment (20659)
		8.1.3.4	Create IT marketing messages (20621)		8.2.2	Manage	IT portfolio strategy (20660)
		8.1.3.5	Create IT service marketing plan (20622)			8.2.2.1	Establish and validate IT value criteria (20661)
	8.1.4	Provide l' 8.1.4.1	T transformation guidance (20623) Develop IT transformation plans (20624)			8.2.2.2	Determine IT portfolio investment balance (20662)
		8.1.4.2 8.1.4.3	Collect IT customer requirements (20625) Analyze IT customer requirements (20937)			8.2.2.3	Evaluate proposed IT investment projects (20663)
			•			8.2.2.4	Prioritize IT projects (20664)
		8.1.4.4	Identify and prioritize IT opportunities (20626)			8.2.2.5	Align IT resources to strategic priorities (20665)
		8.1.4.5	Facilitate solution design activities (20627)			8.2.2.6	Align IT portfolio to business objectives (20667)
		8.1.4.6	Prioritize IT outcomes (20628)		8.2.3		nd maintain enterprise architecture (20668)
		8.1.4.7 8.1.4.8	Develop business cases (20629)			8.2.3.1	Create and publish enterprise architecture
		8.1.4.9	Support business case (20630)				principles (20670)
	8.1.5		Develop transformation roadmap (20631) and manage IT service levels (20632)			8.2.3.2	Establish and operate enterprise architecture
		8.1.5.1	Understand IT service requirements (20633)			8.2.3.3	governance (20671) Research technologies to innovate IT services and solutions (20672)
		8.1.5.2	Forecast IT service demand (20634)			8.2.3.4	Provide input to definition and prioritization of
		8.1.5.3	Maintain IT services catalog (20635)			0.2.3.4	IT projects (20673)
		8.1.5.4	Define service level agreement (20636)		8.2.4	Define IT	service management strategy (20674)
		8.1.5.5	Maintain IT customer contracts (20637)		0.2.1	8.2.4.1	Establish IT service management strategy and
		8.1.5.6	Negotiate and establish service level agreements (20638)				goals (20675)
		8.1.5.7	Develop and maintain improvement processes (20640)			8.2.4.2	Identify IT service operating and process requirements (20676)
	8.1.6	Managa	IT customer relationships (20641)			8.2.4.3	Define IT service catalog (20677)
	0.1.0	8.1.6.1	Establish relationship management			8.2.4.4	Establish IT service management framework (20678)
		0.4.0.0	mechanisms (20642)			8.2.4.5	Define and implement IT service management
		8.1.6.2	Understand IT customer strategy (20643)				(20679)
		8.1.6.3	Understand IT customer environment (20644)			8.2.4.6	Define and deploy support service management
		8.1.6.4	Communicate IT capabilities (20645)				process tools and methods (20680)
		8.1.6.5	Manage IT requirements (20646)			8.2.4.7	Monitor and report IT performance (20681)
	8.1.7	•	service performance (20648)		8.2.5	Control I7	, , ,
		8.1.7.1	Assess SLA compliance (20649)			8.2.5.1	Determine IT performance measures (20683)
		8.1.7.2	Triage SLA compliance issues (20650)			8.2.5.2	Define IT control points and assurance
		8.1.7.3	Collect feedback about IT products and				procedures governance model (20684)

		8.2.5.3	Monitor and analyze overall IT performance (20685)		8.3.2.4	Establish mitigation approaches for IT risks (20720)
		8.2.5.4	Monitor and analyze IT financial performance	8.3.3	Control IT	risk, compliance, and security (20721)
		8.2.5.5	(20686) Monitor and analyze IT value and benefits		8.3.3.1	Evaluate enterprise regulatory and compliance obligations (20722)
			(20687)		8.3.3.2	Analyze IT security threat impact (20723)
		8.2.5.6 8.2.5.7	Optimize IT resource allocation (20688) Manage IT projects and services		8.3.3.3	Create and maintain IT compliance requirements (20724)
		8.2.5.8	interdependencies (20689) Report IT service and project performance		8.3.3.4	Create and maintain IT security policies, standards, and procedures (20942)
		8.2.5.9	(20690) Select, deploy, and operate IT performance		8.3.3.5	Develop and deploy risk management training (20725)
	8.2.6		analytics tools (20692)		8.3.3.6	Establish risk reporting capabilities and
	0.2.0	-	T value portfolio (20693)		8.3.3.7	responsibilities (20726) Establish communication standards (20727)
		8.2.6.1	Assess performance against IT service and project value criteria (20694)		6.3.3. <i>1</i> 8.3.3.8	Conduct IT risk and threat assessments (20728)
		8.2.6.2	Quantify value of IT service and project		8.3.3.9	Monitor and manage IT activity risk (20729)
		0.2.0.2	portfolio investments (20695)		8.3.3.10	Identify, supervise and monitor IT risk
		8.2.6.3	Communicate business technology value contribution (20696)	0.0.4		mitigation measures (20730)
		8.2.6.4	Determine and implement IT portfolio	8.3.4		manage IT continuity (20731)
		0.2.0.	adjustments (20697)		8.3.4.1	Evaluate IT continuity (20732)
	8.2.7	Define an	d manage technology innovation (20699)		8.3.4.2	Identify IT continuity gaps (20733)
		8.2.7.1	Establish selection criteria for research	025	8.3.4.3	Manage IT business continuity (20734)
			initiatives (20700)	8.3.5	protection	and manage IT security, privacy, and data
		8.2.7.2	Analyze emerging technology concepts (20701)		8.3.5.1	Assess IT regulatory and confidentiality
		8.2.7.3	Identify technology concepts and capabilities (20702)			requirements and policies (20736)
		8.2.7.4	Execute IT research projects (20703)		8.3.5.2	Create IT security, privacy, and data protection risk governance (20737)
		8.2.7.5	Evaluate IT research project outcomes (20939)		8.3.5.3	Define IT data security and privacy policies,
		8.2.7.6	Identify and promote viable concepts (20704)			standards, and procedures (20738)
		8.2.7.7	Develop and plan IT investment projects (20705)		8.3.5.4	Review and monitor physical and logical IT data security measures (20739)
8.3	Devel 8.3.1	•	anage IT resilience and risk (20706) T compliance, risk, and security strategy (20707)		8.3.5.5	Review and monitor application security controls (20740)
	0.0.1	8.3.1.1	Determine and evaluate IT regulatory and audit requirements (20708)		8.3.5.6	Review and monitor IT physical environment security controls (20741)
		8.3.1.2	Understand business unit risk tolerance (20940)		8.3.5.7	Monitor/analyze network intrusion detection
		8.3.1.3	Establish IT risk tolerance (20709)	0.0.0	0 1 1	data and resolve threats (20742)
		8.3.1.4	Establish risk ownership (20710)	8.3.6		and analyze IT compliance assessments (20743)
		8.3.1.5	Establish and maintain risk management roles (20711)		8.3.6.1	Conduct projects to enhance IT compliance and remediate risk (20744)
		8.3.1.6	Establish compliance objectives (20712)		8.3.6.2	Conduct IT compliance control auditing of internal and external services (20745)
		8.3.1.7	Identify systems to support compliance (20941)		8.3.6.3	Perform IT compliance reporting (20746)
		8.3.1.8	Identify and evaluate IT risk (20713)		8.3.6.4	Identify and escalate IT compliance issues and
		8.3.1.9	Evaluate IT-related risks resiliency (20714)			remediation requirements (20747)
		8.3.1.10	Create IT risk mitigation strategies and approaches (20715)	8.3.7	8.3.6.5 Develop a	Support external audits and reports (20748) and execute IT resilience and continuity
	8.3.2	Develop I	T resilience strategy (20716)	0.0.7	operation	•
		8.3.2.1 8.3.2.2	Determine IT delivery resiliency (20717)		8.3.7.1	Conduct IT resilience improvement projects
		8.3.2.2	Determine critical IT risks (20718) Prioritize IT risks (20719)		8.3.7.2	(20750) Develop, document, and maintain IT business
		U.J.Z.J	ו ווסוומבט וו ווטאט (בטו וטן		U.J.1.L	Bovolop, abcamont, and maintain it business

		8.3.7.3	continuity planning (20751) Implement and enforce change control			8.4.4.4	Implement and administer business information access (20783)
			procedures (20752)	8.5	Devel	op and m	anage services/solutions (20784)
		8.3.7.4	Execute recurring IT service provider business continuity (20753)		8.5.1	Develop :	service/solution and integration strategy (20785)
		8.3.7.5	Provide IT resilience training (20754)			8.5.1.1	Determine IT service/solution development (20786)
		8.3.7.6	Execute recurring IT business operations continuity (20755)			8.5.1.2	Define IT service/solution development processes/standards (20787)
	8.3.8	Manage I 8.3.8.1	T user identity and authorization (20756) Support integration of identity and			8.5.1.3	Identify, deploy, and support development methodologies and tools (20788)
			authorization policies (20757)			8.5.1.4	Establish service component criteria (20789)
		8.3.8.2	Manage IT user directory (20758)			8.5.1.5	Understand and select reusable service
		8.3.8.3	Manage IT user authorization (20759)				components (20790)
		8.3.8.4	Manage IT user authentication mechanisms (20760)			8.5.1.6	Maintain service component portfolio (20791)
		8.3.8.5	Audit IT user identity and authorization systems (20761)			8.5.1.7	Establish development standards exception governance (20792)
		8.3.8.6	Respond to IT information security and network		8.5.2	•	service/solution lifecycle planning (20793)
			breaches (20762)			8.5.2.1	Monitor and track emerging technology capabilities (20794)
		8.3.8.7	Conduct penetration testing (20763)			8.5.2.2	Identify IT services/solutions (20795)
		8.3.8.8	Audit integration of user identity and authorization systems (20764)			8.5.2.3	Determine IT service/solution approach (20796)
8.4	Mana	no inform	ation (20765)			8.5.2.4	Define IT solution lifecycle (20797)
0.4	8.4.1	Define bu	siness information and analytics strategy			8.5.2.5	Develop IT service/solution "sunset" plans (20798)
		(20766)			8.5.3	-	and manage service/solution architecture (20799)
		8.4.1.1	Establish data, information, and analytic objectives (20767)			8.5.3.1	Assess IT application and infrastructure architecture constraints (20800)
		8.4.1.2	Establish data, information, and analytic governance (20768)			8.5.3.2	Assess business constraints on IT service/ solution (20801)
		8.4.1.3	Access IT data/analytic capabilities (20769)			8.5.3.3	Determine IT component integration
	8.4.2	Define an (20770)	d maintain business information architecture			8.5.3.4	requirements (20802) Identify opportunities for IT component reuse
		8.4.2.1	Determine enterprise business information requirements (20771)			8.5.3.5	(20803) Promote adoption of existing service/solution
		8.4.2.2	Define enterprise data models (20772)			0.3.3.3	architecture (20804)
		8.4.2.3	Identify and understand external data sources (20773)			8.5.3.6	Develop and maintain service/solution architectures (20805)
		8.4.2.4	Establish data ownership and stewardship responsibilities (20774)			8.5.3.7	Assess IT service/solution architecture conformance (20806)
		8.4.2.5	Maintain and evolve enterprise data and			8.5.3.8	Manage architectural exceptions (20807)
			information architecture (20775)		8.5.4	Execute I	T service/solution creation and testing (20808)
	8.4.3		d execute business information lifecycle and control (20776)			8.5.4.1	Execute IT service/solution development lifecycle (20809)
		8.4.3.1	Define and maintain enterprise information policies, standards, and procedures (20777)				8.5.4.1.1 Assess and validate IT service/ solution requirements (20810)
		8.4.3.2	Implement and execute data administration responsibilities (20778)				8.5.4.1.2 Create service/solution design (20811)
	8.4.4	Manage b	ousiness information content (20779)				8.5.4.1.3 Build and test IT service/solution
		8.4.4.1	Monitor and control business information (20780)				components (20812)
		8.4.4.2	Maintain business information feeds and				8.5.4.1.4 Integrate IT components and services (20813)
		8.4.4.3	repositories (20781) Perform internal usage audits (20782)				8.5.4.1.5 Execute IT service/solution validation (20814)

			8.5.4.1.6	Bundle service/solution deployment			8.6.4.4		mplementation completion (20852)
				packaging (20815)			8.6.4.5	Implemer	nt software change/release (20853)
			8.5.4.1.7	Manage service/solution process			8.6.4.6	Perform p	oost-installation testing (20854)
	8.5.5	Perform s	service/solu	exceptions (20816) ution maintenance and testing (20817)			8.6.4.7	Distribute (20855)	e software components network-wide
	0.0.0	8.5.5.1		T service/solution maintenance			0640		anga /ralagas implementation augusta
		0.0.0.1	lifecycle (8.6.4.8	(20856)	ange/release implementation success
			8.5.5.1.1	Assess IT remediation (20819)			8.6.4.9	Execute r	oll-back plan (20857)
			8.5.5.1.2	Modify service/solution design		8.6.5	Perform s		solution rollout (20858)
				(20820)			8.6.5.1		T training (20859)
			8.5.5.1.3	Perform IT service/solution remediation (20821)			8.6.5.2	Prepare a	and distribute service/solution cations (20860)
			8.5.5.1.4	Manage service/solution operations			8.6.5.3		organizational changes (20861)
				(20822)			8.6.5.4		ollout plans (20862)
			8.5.5.1.5	Prepare fixed/enhanced service/			8.6.5.5		ollout support (20863)
				solution packaging (20823)			8.6.5.6		rollout support capabilities (20864)
8.6	Deplo	y service	s/solution	ıs (20824)			8.6.5.7	-	and record rollout issues (20865)
	8.6.1	Develop	and manage	e service/solution deployment strateg	У	•			
		(20825)	· ·		8.7				ort services/solutions (20866)
		8.6.1.1	Assess IT	deployment business impact (20826)		8.7.1			n service delivery strategy (20867)
		8.6.1.2		IT deployment policies (20827)			8.7.1.1		usiness objectives and IT service
		8.6.1.3		nd create deployment procedure			0710	delivery (
		0044	workflow				8.7.1.2		service delivery portfolio (20869)
		8.6.1.4 8.6.1.5		change/release standards (20829) eployment approval responsibilities			8.7.1.3	(20870)	nd maintain IT service delivery model
			(20830)				8.7.1.4		e IT service delivery locations and
		8.6.1.6	· ·	leployments outcomes (20831)			8.7.1.5		service delivery sourcing strategy
	8.6.2			ution implementation (20832)			0.7.1.3	(20872)	service delivery sourcing strategy
		8.6.2.1		deployment risk (20833)		8.7.2	Define ar		service support strategy (20873)
		8.6.2.2	sequence			0.7.2	8.7.2.1	Assess b	usiness objectives and IT service elivery (20874)
		8.6.2.3		e implementation requirements			8.7.2.2		service support portfolio (20875)
			(20835)				8.7.2.3		nd maintain IT support model (20876)
		8.6.2.4		align user testing and resources			8.7.2.4		T support service sourcing strategy
		8.6.2.5	(20836)	T training (20837)			0.7.2.4	(20877)	1 support service sourcing strategy
		8.6.2.6	•		1		8.7.2.5		support service framework (20878)
		8.6.2.7		plementation communications (20838 T roll-back procedures (20839)	')		8.7.2.6		ervice support tools and technology
	8.6.3		_	ployment control (20840)			0171210	(20879)	orrior capport tools and toolmology
	0.0.3	8.6.3.1		change/release impact (20841)		8.7.3	Plan and	manage se	rvice delivery control (20880)
		8.6.3.2		change/release impact (20041)			8.7.3.1	_	rational activities for IT service
		8.6.3.3		•				delivery (20881)
				change/release risk (20843)				8.7.3.1.1	Schedule service delivery resources
		8.6.3.4		ite IT change (20844)					(20882)
		8.6.3.5	(20845)	nd communicate deployment schedule				8.7.3.1.2	Maintain/optimize batch job schedule (20883)
		8.6.3.6		change/release deployment (20846)				8.7.3.1.3	
		8.6.3.7		t IT change/release outcome (20847)					(20884)
	8.6.4	•	-	gy solutions (20848)				8.7.3.1.4	
		8.6.4.1		nardware/software operational status					archive activities (20885)
		0.0.1.5	(20849)					8.7.3.1.5	
		8.6.4.2		operational availability (20850)	1				across available infrastructure
		8.6.4.3	Execute in	nternal IT implementation plan (20851)				components (20886)

		8.7.3.1.6	Determine specific problem support		8.7.6.2	Run and monitor batch job schedule (20907)
0.7.4	Б		procedures (20887)		8.7.6.3	Manage service delivery workloads (20908)
8.7.4	(20888)	· ·	e infrastructure resource planning		8.7.6.4	Manage infrastructure performance and capacity (20909)
	8.7.4.1	•	T service delivery strategy (20889)		8.7.6.5	Respond to unplanned operational issues
	8.7.4.2	Assess IT (20890)	infrastructure business objectives			(20910)
	8.7.4.3	, ,	e ongoing IT infrastructure capabilities		8.7.6.6	Produce and distribute output media (20911)
	0.77.1.0	(20891)	o ongoing in initiating capazining		8.7.6.7	Monitor IT infrastructure security (20912)
	8.7.4.4	Plan IT in	frastructure change (20892)		8.7.6.8	Manage IT infrastructure/data recovery (20913)
	8.7.4.5		budget IT license usage volumes	8.7.7	Manage	infrastructure resource administration (20914)
		(20893)			8.7.7.1	Manage infrastructure configuration (20915)
8.7.5			ort planning (20895)		8.7.7.2	Perform infrastructure component maintenance
	8.7.5.1		nd IT support demand patterns (20896)			(20916)
	8.7.5.2		e required support resource levels, ilities, and capabilities (20897)		8.7.7.3	Install/configure/upgrade infrastructure components (20917)
	8.7.5.3	Maintain (20898)	service support knowledge repository		8.7.7.4	Maintain IT asset records (20918)
	8.7.5.4	, ,	in service support learning (20943) unicate service support needs (20899) Unicate service support needs (20899)		8.7.7.5	Administer IT licenses/user agreements (20919)
	8.7.5.5				8.7.7.6	Provide IT infrastructure service and
	8.7.5.6			0.7.0	0 .	capabilities (20920)
	8.7.5.7		IT service support resources (20901)	8.7.8	•	IT user support (20921)
	8.7.5.8	· ·	ordinate with external support providers		8.7.8.1	Triage IT issues/requests (20922)
		(20902)			8.7.8.2	Provide IT resolution capabilities (20923)
	8.7.5.9	Triage IT	service delivery incidents (20903)		8.7.8.3	Manage IT user requests (20925)
	8.7.5.10		nitor IT service support performance		8.7.8.4	Escalate IT requests (20926)
		(20904)			8.7.8.5	Resolve IT issues/requests (20927)
8.7.6	•	•	e service delivery operations (20905)		8.7.8.6	Execute IT continuity and recovery action
	8.7.6.1	Operate a	and monitor online systems (20906)			(20928)

9.0 Manage Financial Resources (17058)

9.1	Perfo	rm plann	ing and management accounting (10728)			9.2.2.4	Post receivable entries (10797)
	9.1.1	Perform	planning/budgeting/forecasting (10738)			9.2.2.5	Resolve customer billing inquiries (10798)
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9.7.2.6 Produce cash management accounting transactions and reports (10898) 9.7.2.7 Manage and oversee banking relationships (10899) 9.7.2.8 Analyze, negotiate, resolve, and confirm bank fees (10900) 9.7.3 Manage in-house bank accounts (10760) 9.7.3.1 Manage in-house bank accounts for subsidiaries (10901) 9.7.5.4 Produce cash management accounting requirements in accordance with risk policy (19581) 9.7.5.3.4 Execute foreign exchange trades (19582) 9.7.5.3.5 Manage foreign exchange balance sheet risk (19583) 9.7.5.4 Manage exposure risk (11211) 9.7.5.4.1 Determine current customer exposures and limit exceptions			9.7.2.5	•			07533	•
9.7.2.7 Manage and oversee banking relationships (10899) 9.7.2.8 Analyze, negotiate, resolve, and confirm bank fees (10900) 9.7.3 Manage in-house bank accounts (10760) 9.7.3.1 Manage in-house bank accounts for subsidiaries (10901) 9.7.5.4 Execute foreign exchange trades (19582) 9.7.5.3.5 Manage foreign exchange balance sheet risk (19583) 9.7.5.4 Manage exposure risk (11211) 9.7.5.4.1 Determine current customer exposures and limit exceptions			9.7.2.6				3.7.3.3.3	requirements in accordance with
fees (10900) 9.7.3 Manage in-house bank accounts (10760) 9.7.3.1 Manage in-house bank accounts for subsidiaries (10901) 9.7.5.4 Manage exposure risk (11211) 9.7.5.4.1 Determine current customer exposures and limit exceptions			9.7.2.7				9.7.5.3.4	Execute foreign exchange trades
9.7.3.1 Manage in-house bank accounts for subsidiaries (10901) 9.7.5.4.1 Determine current customer exposures and limit exceptions			9.7.2.8	· · · · · ·			9.7.5.3.5	
subsidiaries (10901) exposures and limit exceptions		9.7.3	Manage	in-house bank accounts (10760)		9.7.5.4	Manage e	exposure risk (11211)
0.7.2.2. Manage and facilitate inter-parameter inter-			9.7.3.1	•			9.7.5.4.1	exposures and limit exceptions
transactions (10902) 9.7.5.4.2 Resolve customer exposure limit			9.7.3.2				9.7.5.4.2	
9.7.3.3 Manage centralized outgoing payments on violations (19585) behalf of subsidiaries (10903) 9.7.5.4.3 Manage customer collateral (19586)			9.7.3.3	0 0.7			9.7.5.4.3	Manage customer collateral (19586)
9.7.3.4 Manage central incoming payments on behalf 9.7.5.4.4 Perform annual customer credit reviews (19587)			9.7.3.4	· ·			9.7.5.4.4	
9.7.3.5 Manage internal payments and netting 9.7.5.5 Execute hedging transactions (20137) transactions (10905) 9.7.5.5.1 Measure physical positions (19588)			9.7.3.5			9.7.5.5		
9.7.3.6 Calculate interest and fees for in-house bank 9.7.5.5.2 Establish hedges (19589) accounts (10906) 9.7.5.5.3 Unwind hedges (19590)			9.7.3.6					o , ,
9.7.3.7 Provide account statements for in-house bank 9.7.5.5.4 Evaluate and refine hedging			9.7.3.7					Evaluate and refine hedging
positions (11210)		971	Manage				07555	•
0.7.0.0.0 William Work (17210)		J.7. 4	•			0756		
9.7.4.1 Establish investment policy (140/9) 9.7.5.6 Produce hedge accounting transactions and 9.7.4.2 Manage financial intermediary reports (11214)				• • •		უ./.ე.ს		

	9.7.6	7.6 Manage financial fraud/dispute cases (16958)					strategy (10927)		
9.8	Mana	ge interna	al controls (10735)			9.9.1.2	Consolidate and optimize total tax plan (10928)		
	9.8.1	Establish	internal controls, policies, and procedures			9.9.1.3	Maintain tax master data (10929)		
		(10762)			9.9.2	Process t	axes (10766)		
		9.8.1.1	Establish board of directors and audit			9.9.2.1	Perform tax planning/strategy (10930)		
		9.8.1.2	committee (10914) Define and communicate code of ethics (10915)			9.9.2.2	Prepare tax returns (10931)		
		9.8.1.3				9.9.2.3	Prepare foreign taxes (10932)		
		9.8.1.3	Assign roles and responsibility for internal controls (10916)			9.9.2.4	Calculate deferred taxes (10933)		
		9.8.1.4	Define business process objectives and risks			9.9.2.5	Account for taxes (10934)		
			(11250)			9.9.2.6	Monitor tax compliance (10935)		
		9.8.1.5	Define entity/unit risk tolerances (11251)			9.9.2.7	Address tax inquiries (10936)		
	9.8.2		ontrols and monitor compliance with internal olicies and procedures (10763)	9.10	Mana	Manage international funds/consolidation (10737)			
		9.8.2.1	Design and implement control activities (10917)		9.10.1	9.10.1 Monitor international rates (10767)			
		9.8.2.2	Monitor control effectiveness (10918)		9.10.2	Manage	transactions (10768)		
		9.8.2.3	Remediate control deficiencies (10919)		9.10.3	Monitor	currency exposure/hedge currency (10769)		
		9.8.2.4	Create compliance function (10920)		9.10.4	Report re	esults (10770)		
		9.8.2.5	Operate compliance function (10921)	9.11	Perform global trade services (17059)				
		9.8.2.6	Implement and maintain controls-related enabling technologies and tools (10922)		9.11.1 Screen sanctioned party list (14090)				
	9.8.3	Report on internal controls compliance (10764)			9.11.2 Control exports and imports (14091)				
		9.8.3.1	Report to external auditors (10923)		9.11.3 Classify products (14092)				
		9.8.3.2	Report to regulators, share-/debt-holders,		9.11.4	9.11.4 Perform currency conversion (19593)			
			securities exchanges, etc. (10924)		9.11.5	9.11.5 Calculate duty (14093)			
		9.8.3.3	Report to third parties (10925)		9.11.6	9.11.6 Communicate with customs (14094) 9.11.7 Document trade (14095)			
		9.8.3.4	Report to internal management (10926)		9.11.7				
9.9	Mana	ge taxes	(10736)		9.11.8	Process t	rade preferences (14096)		
	9.9.1	Develop tax strategy and plan (10765)			9.11.9	Handle re	estitution (14097)		
		9.9.1.1	Develop foreign, national, state, and local tax		9.11.10 Prepare letter of credit (14098)				

10.0 Acquire, Construct, and Manage Assets (19207)

10.1	Plan a	an and acquire assets (10937)				10.2.6.2	Perform hanger maintenance work (19101)		
	10.1.1	Develop i	property strategy and long term vision (10941)			10.2.6.3	Perform engine work (19102)		
		10.1.1.1	Confirm alignment of property requirements			10.2.6.4	Perform component work (19103)		
			with business strategy (10955)			10.2.6.5	Perform Ground Support Equipment (GSE) work		
		10.1.1.2	Appraise the external environment (10956)				(19104)		
		10.1.1.3 Determine build or buy decision (10957)			10.2.7	Perform c	orrective maintenance (16473)		
	10.1.2	Plan facil	ity (10943)	10.3	Desig	esign and construct productive assets (19208)			
		10.1.2.1	Design facility (10958)		10.3.1	Manage o	capital program for productive assets (19209)		
		10.1.2.2	Analyze budget (10959)			10.3.1.1	Define capital investment plan (19210)		
		10.1.2.3	Select property (10960)			10.3.1.2	Monitor capital program (19211)		
		10.1.2.4	Negotiate terms for facility (10961)			10.3.1.3	Secure construction financing (19212)		
		10.1.2.5	Manage construction or modification to building		10.3.2	-	nd plan asset construction (20139)		
		5	(10962)			10.3.2.1	Develop construction strategy (19220)		
	10.1.3		vorkspace and facilities (10944)			10.3.2.2	Perform construction performance management		
		10.1.3.1	Acquire workspace and facilities (10963)			10000	(11276)		
		10.1.3.2	Change fit/form/function of workspace			10.3.2.3	Obtain construction permissions (19221)		
	10 1 1	Managa	andfacilities (10964)			10.3.2.4	Design assets (19222)		
	10.1.4	_	facilities operations (10949)		10 0 0	10.3.2.5	Plan construction resources (19223)		
		10.1.4.1	Relocate people (10965)		10.3.3		and perform construction work (19229)		
		10.1.4.2	Relocate material and tools (10966)			10.3.3.1	Schedule construction work (19230)		
10.2	Plan a	ınd execi	ite maintenance services (10938)			10.3.3.2	Obtain resources (19231)		
	10.2.1	Obtain ar	Obtain and schedule maintenance work (19080)			10.3.3.3	Construct new assets (19232)		
		10.2.1.1	Manage maintenance accounts (19081)			10.3.3.4	Augment existing assets (19233)		
		10.2.1.2	Manage maintenance scheduling (19082)		10 2 /	10.3.3.5	Renew/Replace assets (19234)		
		10.2.1.3	Perform maintenance demand and resource		10.3.4	10.3.4.1	Asset construction (19224)		
			planning (19083)			10.3.4.1	Monitor work performance (19225) Undertake construction quality control (19226)		
		10.2.1.4	0.2.1.4 Produce maintenance crew assignment plan (19084)			10.3.4.2	Create work and asset records (19227)		
	10 2 2	Managa	configuration (19085)			10.3.4.4	Manage safety, security, and access to sites		
	10.2.2	10.2.2.1	Manage technical publications (19086)			10.0.1.1	(19228)		
			Phase in aircraft type (19087)	10.4	Maint	ain produ	active assets (19238)		
			Phase in engine type (19088)			•	t maintenance (19239)		
		10.2.2.4	Phase in component type (19089)			10.4.1.1	Develop maintenance strategies (19240)		
		10.2.2.5	Phase in aircraft work (19090)		10.4.2	Analyze	assets and predict maintenance requirements		
		10.2.2.6	Manage safety, reliability, and ownership			(10967)	acceste and product mamicenance requirements		
		10.2.2.0	obligations (19091)			10.4.2.1	Specify maintenance policies (19241)		
	10.2.3	Perform r	maintenance design services (19092)			10.4.2.2	Integrate preventive maintenance into		
		10.2.3.1	Manage design and modification projects				operations schedule (10968)		
			(19093)			10.4.2.3	, ,		
		10.2.3.2	Carry-out design and development activities			40.40.4	(19242)		
		10.2.3.3	(19094)			10.4.2.4	, ,		
	10 2 /					10.4.2.5	,		
	10.2.4	_	maintenance materials and services (19096)		10.4.3	Manage	asset maintenance (19245)		
		10.2.4.1	Manage maintenance capacity plan (19097) Manage materials and service strategy (19098)			10.4.3.1	Schedule work (19246)		
	10 2 F	10.2.4.2 Manage	maintenance plan (19099)			10.4.3.2	Obtain required resources (19247)		
		Ū	routine maintenance and certify work (16472)			10.4.3.3	Undertake asset quality control (19248)		
	10.2.0		Perform line/ramp maintenance work (19100)			10.4.3.4	Update work and asset records (19249)		

		10.4.3.5	Manage maintenance work safety (19250)		10.5.1	Develop exit strategy (10952)	
		10.4.3.6	Define maintenance performance targets		10.5.2	Decommission productive assets (19258)	
			(19251)		10.5.3	Perform sale or trade (10953)	
		10.4.3.7	Monitor maintenance performance against		10.5.4	Perform abandonment (10954)	
	10.4.4	Dorform as	targets/contracts (19252)		10.5.5	Phase out aircrafts, engines, and components (19106)	
	10.4.4		Perform asset maintenance (19253)			Perform waste and hazardous goods management	
		10.4.4.1	Perform preventative asset maintenance (10947)			(16970)	
		10.4.4.2	Perform routing asset maintenance (1925/)		0.6 Obtain and commission assets, equipment, and tools 10939)		
		10.4.4.3	Perform corrective asset maintenance and repairs (19255)		10.6.1	Develop ongoing maintenance policies for productive	
		10.4.4.4	Identify unplanned maintenance requirements (19256) Perform unplanned maintenance and repairs (19257)		10.6.2	assets (10950) Obtain and commission equipment (10951)	
		10.4.4.5				10.6.2.1 Obtain equipment (10969)	
						10.6.2.2 Commission equipment (10971)	
10.5	Dispos	pose of assets (10940)				Obtain aircrafts, engines and components (19105)	

11.0 Manage Enterprise Risk, Compliance,Remediation, and Resiliency (16437)

11.1 Manage enterprise risk (17060)

- 11.1.1 Establish the enterprise risk framework and policies (16439)
 - 11.1.1.1 Determine risk tolerance for organization (16440)
 - 11.1.1.2 Develop and maintain enterprise risk policies and procedures (16441)
 - 11.1.1.3 Identify and implement enterprise risk management tools (16442)
 - 11.1.1.4 Coordinate the sharing of risk knowledge across the organization (16443)
 - 11.1.1.5 Prepare and report enterprise risk to executive management and board (16444)
- 11.1.2 Oversee and coordinate enterprise risk management activities (16445)
 - 11.1.2.1 Identify enterprise level risks (16446)
 - 11.1.2.2 Assess risks to determine which to mitigate (16447)
 - 11.1.2.3 Develop risk mitigation and management strategy and integrate with existing performance management processes (16448)
 - 11.1.2.4 Verify business unit and functional risk mitigation plans are implemented (16449)
 - 11.1.2.5 Ensure risks and risk mitigation actions are monitored (16450)
 - 11.1.2.6 Report on enterprise risk activities (16451)
- 11.1.3 Coordinate business unit and functional risk management activities (16452)
 - 11.1.3.1 Ensure that each business unit/function follows the enterprise risk management process (16453)
 - 11.1.3.2 Ensure that each business unit/function follows the enterprise risk reporting process (16454)
- 11.1.4 Manage business unit and function risk (17462)
 - 11.1.4.1 Identify risks (16456)
 - 11.1.4.2 Assess risks using enterprise risk framework policies and procedures (16457)
 - 11.1.4.3 Develop mitigation plans for risks (16458)
 11.1.4.3.1 Assess adequacy of insurance coverage (18129)
 - 11.1.4.4 Implement mitigation plans for risks (16459)
 - 11.1.4.5 Monitor risks (16460)
 - 11.1.4.6 Analyze risk activities and update plans (16461)
 - 11.1.4.7 Report on risk activities (16462)

11.2 Manage compliance (17467)

- 11.2.1 Establish compliance framework and policies (17468)
 - 11.2.1.1 Develop enterprise compliance policies and procedures (17469)
 - 11.2.1.2 Implement enterprise compliance activities (17470)
 - 11.2.1.3 Manage internal audits (14133)
 - 11.2.1.4 Maintain controls-related technologies and tools (14137)
- 11.2.2 Manage regulatory compliance (16463)
 - 11.2.2.1 Develop regulatory compliance procedures (16464)
 - 11.2.2.2 Identify applicable regulatory requirements (16465)
 - 11.2.2.3 Monitor the regulatory environment for changing or emerging regulations (16466)
 - 11.2.2.4 Assess current compliance position and identify weaknesses or shortfalls therein (16467)
 - 11.2.2.5 Implement missing or stronger regulatory compliance controls and policies (16468)
 - 11.2.2.6 Monitor and test regulatory compliance position and existing controls (16469)
 - 11.2.2.7 Compile and communicate compliance scorecard(s) (19595)
 - 11.2.2.8 Compile and communicate internal and regulatory compliance reports (19596)
 - 11.2.2.9 Maintain relationships with regulators as appropriate (16470)
 - 11.2.2.10 Report to external regulatory bodies (19107) 11.2.2.10.1 Report safety incidents (19108)

11.3 Manage remediation efforts (11185)

- 11.3.1 Create remediation plans (11201)
- 11.3.2 Contact and confer with experts (11202)
- 11.3.3 Identify/dedicate resources (11203)
- 11.3.4 Investigate legal aspects (11204)
- 11.3.5 Investigate damage cause (11205)
- 11.3.6 Amend or create policy (11206)

11.4 Manage business resiliency (11216)

- 11.4.1 Develop the business resilience strategy (11221)
- 11.4.2 Perform continuous business operations planning (11222)
- 11.4.3 Test continuous business operations (11223)
- 11.4.4 Maintain continuous business operations (11224)
- 11.4.5 Share knowledge of specific risks across other parts of the organization (16471)

12.0 Manage External Relationships (10012)

12.1	Build	investor	relationships (11010)		12.4.3	12.4.3 Develop and perform preventive law programs (11				
	12.1.1	Plan, buil	d, and manage lender relations (11035)		12.4.4	Ensure compliance (11047)				
	12.1.2	Plan, buil	d, and manage analyst relations (11036)			12.4.4.1	Plan and initiate compliance program (11053)			
	12.1.3	Communi	cate with shareholders (11037)			12.4.4.2	Execute compliance program (11054)			
12.2	Mana	ge goverı	nment and industry relationships (11011)		12.4.5	Manage	outside counsel (11048)			
	12.2.1	Manage (government relations (11038) Assess relationships (12869)			12.4.5.1	Assess problem and determine work requirements (11056)			
		12.2.1.2 12.2.1.3	Appoint responsible executives (12870) Monitor relationships (12871)			12.4.5.2	Engage/Retain outside counsel if necessary (11057)			
		12.2.1.4	Receive input from internal advisors (12872)			12.4.5.3	Receive strategy/budget (11058)			
		12.2.1.5 12.2.1.6	Receive input from external advisors (12873) Liaise with authorities (12874)			12.4.5.4	Receive work product and manage/monitor case and work performed (11059)			
	1222		relations with quasi-government bodies (11039)			12.4.5.5	Process payment for legal services (11060)			
	12.2.2	12.2.2.1	Establish relationships with agencies (12875)			12.4.5.6	Track legal activity/performance (11061)			
		12.2.2.2	Respond to audit inquiries (12876)		12.4.6	Protect intellectual property (11049)				
		12.2.2.3 12.2.2.4	Maintain documentation of contacts (12877) Plan and manage meetings (12878)			12.4.6.1	Manage copyrights, patents, and trademarks (11062)			
	12.2.3		relations with trade or industry groups (11040) Evaluate the requirements for strategic			12.4.6.2	Maintain intellectual property rights and restrictions (11063)			
		12.2.3.1	relationships (12879)			12.4.6.3	Administer licensing terms (11064)			
		12.2.3.2	Monitor the success of the partnerships (12880)			12.4.6.4	1 ,			
			Extend or change the relationships (12881)				disputes and litigations (11050)			
		· ·	air traffic control/airport relationships (19109)				egal advice/counseling (11051)			
	12.2.5 Manage lobby activities (11041)				12.4.9	Negotiate and document agreements/contracts (11052)				
12.3	Mana	ge relatio	ons with board of directors (11012)	12.5	Mana	nage public relations program (11014)				
	12.3.1	Report fir	nancial results (11042)		12.5.1	Manage	Manage community relations (11066)			
	12.3.2	Report au	ıdit findings (11043)		12.5.2	5.2 Manage media relations (11067)				
12.4	Mana	ge legal a	and ethical issues (11013)		12.5.3	.5.3 Promote political stability (11068)				
	12.4.1	Create et	hics policies (11044)		12.5.4	.5.4 Create press releases (11069)				
	12.4.2	Manage (corporate governance policies (11045)		12.5.5	Issue pre	ss releases (11070)			

13.0 Develop and Manage Business Capabilities (10013)

13 1	Mana	ao husin	ess processes (16378)					objectives (11117)
13.1			•				13.2.3.1.2	
	13.1.1	(16379)	and maintain process management governance					requirements (16412)
		13.1.1.1	Define and manage governance approach (16380)				13.2.3.1.3	Assess culture and readiness for project management approach (11118)
		13.1.1.2	Establish and maintain process tools and templates (16381) Assign and support process ownership (16382)				13.2.3.1.4	
		13.1.1.4					13.2.3.1.5	Develop project measures and
	13 1 2		nd manage process frameworks (16384)					indicators (11121)
	10.1.2	13.1.2.1	Establish and maintain process framework (163850)			13.2.3.2		opropriate project management ogies (11119)
		13 1 2 2	Identify cross-functional processes (16386)			13.2.3.3		roject plans (16413)
	13.1.3		rocesses (16387)					Define roles and resources (11123)
		•	Scope processes (16388)				13.2.3.3.2	Aquire/secure project resources
		13.1.3.2	Analyze processes (16389)				10000	(20142)
			13.1.3.2.1 Identify published best practices (20140)				13.2.3.3.3	(11124)
		13.1.3.3	Model and document processes (16390)				13.2.3.3.4	Create training and communication plans (11125)
		13.1.3.4	Publish processes (16391)				13.2.3.3.5	·
	13.1.4	Manage	process performance (16392)					approaches (11127)
		13.1.4.1	Provide process training (16393)				13.2.3.3.6	Design and plan launch of project
		13.1.4.2	Support process execution (16394)					(11128)
		13.1.4.3	Measure and report process performance (16395)			10001		Deploy the project (11129)
			13.1.4.3.1 Identify additional metrics as			13.2.3.4	•	rojects (16414)
	13 1 5	Improve i	required (20141) processes (16396)				13.2.3.4.1	Evaluate impact of project management (strategy and projects) on measures and outcomes (11131)
	10.1.0	13.1.5.1	Identify and select improvement opportunities				13 2 3 4 2	Report the status of project (16415)
			(16397)					Manage project scope (16416)
		13.1.5.2	Manage improvement projects (16398)					Promote and sustain activity and
		13.1.5.3	Perform continuous improvement activities (16399)				132335	involvement (11132) Realign and refresh project
13.2	Mana	ge portfo	lio, program, and project (16400)				10.2.0.0.0	management strategy and
	13.2.1	Manage	portfolio (16401)					approaches (11133)
		13.2.1.1	Establish portfolio strategy (16402)			13.2.3.5		nd report project performance (16417)
		13.2.1.2	Define portfolio governance (16403)			13.2.3.6	Close proj	ects (16418)
		13.2.1.3	Monitor and control portfolio (16404)	13.3	Mana	ige enter _l	prise quali	ty (17471)
	13.2.2	Manage	programs (16405)		13.3.1	Establish	quality req	uirements (17472)
		13.2.2.1	Establish program structure and approach			13.3.1.1	Define cri	tical-to-quality characteristics (17473)
			(16406)			13.3.1.2	Define pre	eventive quality activities (17474)
		13.2.2.2	Manage program stakeholders and partners (16407)			13.3.1.3		uality controls (17475) Define process steps for controls (or
		13.2.2.3	Manage program execution (16408)					integration points) (17476)
		13.2.2.4	Review and report program performance				13.3.1.3.2	Define sampling plan (17477)
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	13.2.3	-	projects (16410)				10010	(17478)
		13.2.3.1	Establish project scope (16411)				13.3.1.3.4	
			13.2.3.1.1 Identify project requirements and					(17479)

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				Assess sample significance (17488)			13.4.1.15	Determin	e change enablers (11150)
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