Airplanes:

Employment in the aviation mfg. industry:
Haas memo 2/1/40

Emergency Supplemental Appn. Act: Analysis of airplanes estimated for and included in 2/1/40

$1 billion Allied Purchases: Effect on Amn. economy (White memo) 2/5/40

Wright Aeronautical Corp. (Paterson, N.J.): Plans for new building to occupy 8 city blocks 2/5/40
New Conditions

Concluding Minutes (Jan.-Feb.)

Airplanes:
Lubin to do some investigatory work; HMJr asks Budget Bureau to release $10,000; FDR's OK to be sent over 2/7/40

Machine Tools: Conf. concerning progress;
present: HMJr, Purvis, Bloch-Laine, Bell, Collins, and Cochran 2/7/40

Collins, et al.

Collins progress report 2/8/40

Conf. with res. of refs. to Lubin

C. 2/4/40

a) Collins progress report 2/8/40
a) Budget Bur. notifies HMJr approval
2/10/40**

240: 286
War Conditions

Purchasing Mission (British-French):

2 Airplanes:

Employment Figures: CAA-Lubin discussion concerning availability of figures

2/8/40

240: 156
War Conditions

Airplanes:

Spitfire which was in bonded warehouse in New York shipped to Canada and cleared by rail through port of Ogdensburg, N.Y. 2/19/40

N.Y.
War Conditions

9 Airplanes:

Machine Tools:

Collins report on distribution by money values of unfilled orders from foreign sources 2/21/40

Conf. on possible combining of allied govts.
to establish increased potentiality in U.S.
for manufacture of air frames and engines;
present: HMJr, Collins, Haus, Purvis,
Bloch-Laine, and reps. of machine-tool industry
and engine industries 2/21/40

a) FDR notified
b) Haas notes on meeting
c) HMJr's pencilled note "historic meeting;
in Allies' victory

d) Hull informed of meeting
War Conditions

Airplanes:

Lack of info. on airplane and airplane engine production on recent basis reported in Haas memo 2/27/40 243: 24

Douglas Aircraft Corp. foreign sales 2/29/40 237

Ticker comment on contemplated billion-dollar aircraft procurement program 2/29/40 241

a) Mrs. Klotz’ plan to explain to Purvis; unable to reach him 240
War Conditions

Airplanes:

Machine Tool Industry:

Ann. Consul's report (Birmingham, England) 3/1/40

a) Discussed at Treas. conf. 3/1/40

244: 137

116
War Conditions

12 Airplanes:

Increased cost to the Army but not to the Navy discussed in Collins memo 3/6/40 245: 337

a) Arnold's testimony before Congressional committee discussed at Treas. meeting 3/6/40 383
War Conditions

13 Airplanes:

Woodrill to appear before Aviation Subcom. of House Military Affairs Com.; Subcom. believes error was made in original request for money for planes and that this rather than any other cost factors accounts for Gen. Arnold's request present request for supplemental funds 3/13/40

Status of French contracts as of 2/29/40 75

3/14/40

Liaison Committee conf.: also present: Brett (Army Air Corps.), Burns (Asst. Secy. Johnson's office), MacMorland (Clearance Com., Munitions Bd.), Lingle (Army Air Corps), Towers (Chief, Bur. of Aeronautics, Navy Dept.), Purvis, Sir Henry Self, Pleven, Jacquin 3/14/40
War Conditions

2 Airplanes:

a) Towers-Collins conversation concerning availability to Allies of latest aviation matériel 3/15/40 247: 189

1) Edison, Stark, and Towers agree that Navy will discuss with Anglo-French Purchasing Bd. any aviation matériel in existence or in development which may be of use in proposed program

a) Collins so informs Purvis
War Conditions
3 Airplanes:

Edison letter to House Naval Affairs Com. asserting that sale of aircraft to Allied govts. has not interfered with Navy Dept. program 3/18/40 247: 249

a) HMJr congratulates Edison 252

Woodring asks to have conf. postponed 3/18/40 250

a) HMJr tells Edison Alsop-Kintner's column gives reason for postponement 252
War Conditions

Airplanes:

Airplane motors of less than 1000 horsepower now under contracts of record but undelivered:
report 3/7/40

Inquiry by Sir Henry Self concerning purchase of ordnance for forthcoming aviation program 3/12/40

P-40 deliveries to French and U.S. Army from April 1940 for one yr. 3/12/40
War Conditions

Airplanes:

Aluminum:

Self (Sir Henry) explains difficulties to HMJr who reports them to Collins 3/19/40 248: 64

* HMJr and Purvis discuss situation 3/20/40 94

Rolls-Royce situation discussed by Purvis, Collins, and HMJr 3/20/40 91

Marshall (Gen.) "given his orders by FDR in regard to planes for Allies" - so Gen. Watson informs HMJr 3/20/40 103

Memos concerning Navy Dept. orders of airplanes and engines 385

"Interceptor" (built by Curtiss-Wright at St. Louis plant) described in Collins memo 3/21/40 422
* Hunt (Pres., Aluminum Co. of America) glad to
come down for conf. with Treas.; thinks HMJr
has done marvelous job 3/21/40 248: 336

Conf.; present: HMJr; Capts. Kraus and Collins;
Major Lyons; Gen. Brett; Foley; Purvis;
Col. Cave; Hunt, Wilbur, Davies, Stanley
3/21/40
War Conditions

2. Airplanes:

Pratt-Whitney plant (East Hartford, Conn.)

Visited by subcommittee of House Military
Affairs Com. 3/21/40

Amb. mission to French war front arranged by
French Amb. at HMJr's request 3/21/40

a) Ambassador's letter 425
b) HMJr's note of thanks 424
c) Cochran's memo that State Dept. will
be notified by French Amb. 427
War Conditions

Airplanes:

Collins and Gen. Brett tell HMJR (at Sea Island, Ga.) Army has over 500 P-40s on order; Army will take first 200 and release balance to Allies provided arrangements can be made with mfrs. to give Army something better than P-40 3/23/40

a) Collins memo

N.Y. Times article: "2000 Late Planes for Allies Approved by Defense Board" 3/23/40

Rolls-Royce engine: HMJR (in Sea Island, Ga.) asks Cochran to inform Gen. Arnold that arrangements have been completed 3/25/40

Brett designated as contact man between President's Liaison Bd. and War Dept. 3/25/40
a) 2 released for shipment (Collins informs Mrs.\n at 56th & 8th) 3/25/40
War Conditions

2 Airplanes:

"Govt. Policy on Aircraft Foreign Sales";
Plan presented by War Dept. to Watson
and thence to FDR who made memo Govt. policy
rather than War Dept. policy 3/26/40

Foreign Sales, Investigation of:
Hugh Johnson's article 3/25/40       63
a) Louis Johnson tells Sullivan
he himself inspired this article 61
b) Louis Johnson tells Sullivan
he has just learned that Woodring
sent Gen. Marshall to Hugh Johnson
attempting to persuade him to abandon
present position in support of program

*
Woodring testimony: Schwarz memo 3/27/40 114
No further action anticipated by Collins
3/28/40 249: 159
War Conditions

3 Airplanes:

Meeting with reps. of aviation industry:
Collins memo 3/27/40

Meeting with engine mfrs.: Collins Memo
3/29/40
War Conditions

7 Airplanes:

Collins' memo: Supreme Military Council has approved placing in U.S. of airplane order thru Anglo-French Purchasing Bd. 4/1/40 250: 15

a) Option has been exercised for 4000 P&W engines and 20 Consolidated

Belgium: * planes
Belgian Amb. contacts Collins concerning purchase of 40 pursuit planes 4/1/40

Brett promises Collins clearance of procedure concerning contacts of foreigners with Liaison Committee and reps. of War and Navy Depts. 16

Iran: Minister of Iran contacts Collins concerning purchase of planes 4/1/40
b) Purvis-HIJ telephone conversation at Sea Island 4/2/40 250:65

Sec also 6x251:8.46
War Conditions

2 Airplanes:

"Aircraft Production under Army Air Expansion Program"

Chief of Army Air Corps

War Dept. procedure concerning preliminary negotiations leading to agreement to accept change orders on existing War Dept. contract

a) Collins' memo 4/2/40 85,90

War Dept. procedure concerning request of Anglo-French Purchasing Bd. for info. on airplanes and release of engines and accessories

a) Collins' memo 4/2/40 85,87
War Conditions

Airplanes:

Great Britain: Air estimates for 1940
4/8/40

Shadow Factories: Report on production in Birmingham Consular District
4/8/40

Johnson asked by HMJr whether or not War Dept. was prepared to let Allies have whatever they needed; Johnson tells HMJr Woodring is still obstructing program and asks HMJr whether or not he (Johnson) should tell HR 4/9/40

a) Collins and HMJr discuss delay in War Dept.

b) Purvis and HMJr discuss 258
War Conditions

Airplanes:

HMJr and Asst. Secy. of War Johnson in conf. ask Collins which mfrs. are waiting to hear from War Dept.; Collins states Bell, Curtiss, and Lockheed 4/10/40

a) Johnson asks HMJr to stand by him; HMJr replies by asking him to stand by FDR 4/10/40

b) HMJr's pencilled notes

c) Johnson reports that mfrs. have been in and progress is assured 4/10/40

HMJr, Purvis, Pleven, Self, and Collins confer 4/10/40

a) Requirements listed: See page 118

b) Conf. with Louis Johnson reported 112

c) Johnson told by 'phone of program 131
2 Airplanes

2) Memo on steel purchases in USA, 253: 145

e) Memo on aluminum and light alloy, 147

f) Reports on orders with Wright Aeronautical Corp., Gen. Motors (Allison engines), Pratt and Whitney, Curtiss-Wright (steel-blade propellers), 159

g) Program as tentatively established, 163

Conf. between Allied Purchasing Mission, reps. and Navy of War Dept., Procurement Div., and Curtiss Airplane Co., 4/10/40, 244.
War Conditions

3 Airplanes:

Purchase Expense: Amt. applied to development of model not restricted; amt. allocated to training of employees, etc. - Collins reports on discussion with Purchasing Mission 4/11/40 253: 291, 296

a) Memo from Purchasing Mission 298
War Conditions

20 Airplanes:

Johnson and HMJr discuss results of conf. at which Martin's rep. indicates unwillingness to go along; tells rep. of Wall St. Journal afterward "they do not have to go along with the Administration policy" 4/12/40

Experimentation costs and proportion thereof that can be charged Purchasing Mission discussed by HMJr, Johnson, Collins, Gen. Brett, Col. Burns, and Major Lyons 4/12/40

a) Purvis and Pleven discuss confusion in their minds with HMJr and Collins 4/12/40

1) HMJr explains alone connection with
War Conditions

1) Newspaper article

a) HMJr discusses with Purvis
   4/13/40

b) HMJr discusses with Collins
   4/13/40

c) Refund by Douglas to the Army reported
   by Johnson to HMJr
   4/13/40

d) Glenn Martin plan to raise on $850,000 charge
to Allied Purchasing Commission discussed
   by HMJr and Johnson
   4/13/40

e) Johnson and HMJr Glenn Martin bond agreement to
2) Johnson must refer to publicity when talking to H.M. in 4/13/169.

2) Johnson tells H.M. Sr. it was blackmail of the Allied Purchasing Union who "told" 4/13/169.

1) H.M. Sr. tells Purnell who owned it.

214
War Conditions
3 Airplanes:

c) Douglas Aircraft signs preliminary agreement 4/15/40

French changes on Martin bomber costing $4000 per plane discussed by HMJr and Johnson 4/15/50

a) HMJr explains to Purvis 216

Curtiss Airplane Co.: Change in original from 1440 planes to 960 by Anglo-French Purchasing Mission reported to HMJr 4/16/40 327
War Conditions

2. Airplanes:

Development expense allocation to date 4/17/40

Chart of deliveries of airplanes and aircraft engines, Oct. 1, 1939 to Feb. 29, 1940, based on War Dept. report of 4/17/40 3.8

(some redaction)

Sullivan memo 4/17/40 54

Swedish Plane Construction: Rumored German-born personnel working on order at Republic Aircraft Corp. reported 4/17/40 69
* a) HM Jr and Compton discuss
4/17/40

255: 104

"Dear - want to exploit during war"
1940

p. 220
War Conditions

24 Airplanes:

Coast Guard assignments as of July 1, 1940, reported by Gaston 4/17/40 255: 83
Glenn Martin 187: Release for exportation Allies will contribute $850,000 for development expenses discussed in memo from Jacquin and Pleven 4/17/40 158
Contract clause*** purchaser will supply accredited U.S. Govt. agents with information relative to suitability, design, etc.:
Proposed memo to Johnson discussed by HMJr, Burns, and Young 4/18/40 162
a) Discussed by Purvis, HMJr, Young, and White 4/18/40 173
b) HMJr and Johnson discuss 4/18/40 216
War Conditions
Airplanes:

Development expense allocation as reported by telephone by Col. Johnson 4/22/40
Price list for Army planes given to HMJr at conference; later returned to Gen. Brett at Col. Johnson's suggestion; when Purvis needs guidance, conf. will be held with Army reps. present 4/22/40

a) HMJr talks to Purvis by phone

Confidential report on industry showing employment as compiled in the report 4/22/40

a) Copies to Secys. of War, Navy, and Collins

Report on number of Douglas and Lockheed planes contracted for by Anglo-French Purchasing Mission as of 4/22
War Conditions

2 Airplanes:

Tool Situation: HMJr asks Collins to contact Pratt and Whitney and Wright Aircraft as to improvement in situation since HMJr took over (first week in Feb.) 4/23/40

a) Collins' memo after conference 4/23/40
War Conditions

Airplanes: Development expense allocation in connection with foreign sales: Confidential memo giving Navy's understanding of approved policy

a) see report on pp. 145, 149

Germany reported to be sending rep. to U.S. to buy one or two of each of the planes released to England and France; Douglas will reply "output contracted for through 1941" 4/24/40

Price asked of Allied P. Mission to be checked with price given by Army - Navy 9/25/40

Progress report on order 4/26/40 143-145
War Conditions

24 Airplanes:

Resume of deliveries and orders of combat planes, 11/4/39 to end of October, 1941, as prepared for FDR 4/27/40 258: 48

a) Collins memo commenting on discrepancies 4/29/40 63

Info. clause part of contract: French and British Govts. suggest "assurance of their govt.'s that U.S. accredited agents will be kept currently advised concerning performance of Amn.-made aircraft under combat conditions" in lieu of clause a) putting on 4/29/40 79

Conf. on French needs: present: HM Jr., Bloch-Laine, Collins, and Young 4/30/40 315
War Conditions

Airplanes:

Grumman Aircraft Engineering Corp. requests deferment of delivery of 80 P4F-3 airplanes to the Navy so that they may be delivered to France 5/1/40 259: 11

Inquiry from Turkey concerning possible purchase of pursuits and dive bombers 5/3/40 410

General Motors mission to France: Ward, J. Carlton, Jr., in charge; wife accompanying 5/3/40 413

82m a/6 BX 260: 141, 144, 151
War Conditions

26 Airplanes:

French request for additional engines:
United Aircraft Corp. states "no additional engines until May, 1941"; Pratt-Whitney cannot increase present output either.

5/4/40

Engine production: Progress report thru
Feb., 1942 5/6/40

Charts showing value of planes and engines purchased by England and France.
5/8/40

a) Distribution of charts

Vinson discusses federally-owned and operated airplane plant 5/8/40
Bullitt asked to ascertain total French single engine needs and output on Bloch bomber 5/7/40.

a) Message worked out by Collins, Pulston, and Young 5/7/40

** Progress report of new orders/placed for engines since April 1, 1940 5/9/40
War Conditions

2 Airplanes:

Pratt-Whitney: Disagreement with Sir Henry Self and Jacquin commented on by HMF to Purvis.

5/8/40


5/8/40

Progress report on orders placed by Allied Purchasing Mission for since April 1, 1940. 5/9/40

Plant Expansion: Statement of expenditures incurred 5/9/40.
* a) Copy of letter from United Aircraft to Sir Henry Self stating position (5/2/40)
War Conditions

Airplanes:

Progress reports of Pratt-Whitney (93% of tools ordered have been delivered), Wright Co., and Wright Aeronautical Corp. 5/10/40
War Conditions

Airplanes:

U.S. Production: 24,000 engines of 1000 horse-power per year as of January, 1941; engines of larger horse-power also commented on 5/13/40 262: 48.

Development Costs and Allocation Thereof:

Progress report as of 5/13/40

Interdepartmental Committee on Mechanics Training for the Aircraft Industry: Report 5/15/40 297

Transport Planes: Churchill plan to buy a number from U.S. - Memos HJr's notes on steps taken 5/15/40

a) Memo for FDR as dictated by Hinckley.
War Conditions

Airplanes:

29 Conf. on increased production; present: HMJr, Noble, Hinckley, McConnell, and Weymouth

5/16/40

Allied Purchasing Mission: Summary of commitments for British and French Govts. as of 5/15/40 -

* Haas report after visiting N.Y. office

Colt machine guns for aircraft: Ballantyne outline of situation

5/17/40

P-36: War Dept. memo on release to British Govt.

of those now in service

5/18/40

Meetings: FDR tells Woodring meetings are not to be held in a variety of places but all are to be held in Treas.; Johnson and Arnold protest; HMJr expresses displeasure to Gen. Marshall

5/18/40
* Boeing Aircraft Co. - Seattle, Washington: FBI report 5/16/40
War Conditions

Airplanes:

Engines:

Chrysler Corp.: HMJr talks to Keller about buying engine division of Continental Motors
5/16/40 263: 19,225

Bottleneck in expansion program of airplanes is engine industry: Report prepared by Brett, Lyon, and Kraus 5/16/40 33,50,68

a) Copies sent to Secy. and Asst. Secy. of War; Navy; Hinckley (CAA)

1) HMJr discusses with Johnson

Machine Tools: Navy buys $3 million worth scheduled to go to Japan 5/16/40 37
War Conditions
Airplanes:
2 Engines:
   Bomber Engines: Conf. on progress being made by Pratt-Whitney (1½ mos. late), Wright (on time), Allison (late), etc.; present: HMJr, Jacquin, Collins, and Young
5/16/40
   a) French Govt. reports Bloch bomber equipment OK if Pratt-Whitney catch up
   b) Pratt-Whitney reach agreement with Purchasing Mission on $8 million extension plan 5/16/40

Curtiss-Wright and United Aircraft asked to conf. in Washington 5/17/40
   a) War Dept. report on engines suitable for building under license other than (over)
originator of design  5/17/40  263: 263

* Conf. with Generals Marshall and Arnold  5/17/40  241
War Conditions

Airplanes:

Institute of Technology MIT and Calif. asked for "disinterested advice" on new models and new sources of airplane engines 5/20/40

Deliveries (scheduled) of engines by month thru 1941

Conf. of reps. of Army, Navy, Treas. and CAA to work out program 5/20/40

Johnson (Louis) memo: Program for creation of air power given to HMJr by FDR 5/20/40

Conf. in Gen. Brett's office with Keller and Hutchinson, of Chrysler: Young memo 5/20/40

Conf. in HMJr's office with Keller and Hutchinson, of Chrysler: Sullivan memo 5/20/40

Rolls-Royce engines: Keller, of Chrysler) asked to examine engine at Wright Field and report 5/21/40
a) Kennedy asked to clear with Air Ministry, London, permission to manufacture in U.S. 5/21/40 2648 137

1) HMJr explains to Purvis;

Purvis tells HMJr. that Bristol rep. has been in U.S. conferring with him;

(Handwritten note: "No further action was taken.")

5/22/40

Rolls Royce Fluid could; Bristol Air could; French Gyro .9000 (air cooled)

Also discussed 5/21/40 177
War Conditions

2 Airplanes:

Spitfire and P-40: Comparison based on tests in Canada 5/20/40

Natl. Advisory Committee for Aeronautics:
George Mead and Johnson confer with reps. of Treas. and CAA on air expansion program 5/21/40

Allison Motors: HMJr discusses with Sloan speed-up of program 5/21/40

Engine Facilities Expansion of:
Memo from Brett, Army Air Corps 5/21/40

Memo from Paris on new factory 5/21/40
War Conditions

Airplanes:

German fuel injection engine and VDM propeller to be placed in hands of U.S. Air Corps by French Air Ministry 5/22/40 265: 26

Photographs of various airplane models 54

Flying Fortresses: Gen. Marshall tells RMJr there are 52 in U.S.; there should be 136 5/22/40 85

Navy airplane set-up in the Pacific discussed by Marshall and RMJr 5/22/40 85

Army-owned Aircraft: Release of for export - Brett memo 5/23/40 194

Army and Navy: Mead memo 5/23/40 197

Training aircraft on order for Air Corps of Army and Navy: Mead memo 5/23/40 225

Progress report: dated by for 16-22/40 225
War Conditions
Airplanes:

Engine Expansion Program:
Conf.: present: HMJr, Carmen, Lombard, Hinckley, Milliken, Young, Mead, and Warner
5/22/40

Gilman (formerly Chief Engineer for Pratt-Whitney) and for Air Corps at Dayton) coming as HMJr's assistant 5/22/40

Gen. Marshall, HMJr, and McReynolds confer 5/22/40

265: 5, 35

a) If orders could placed throughout 1941, mfrs. could increase potential production
b) Engines still the bottleneck
War Conditions

Airplanes:

Engines:

**Rolls-Royce engine:** Production in U.S. discussed by HMJr., Mead, Ollie, Ballantyne, and Young 5/23/40

a) Packard 4-M engine considered very similar but with greater horse-power 182

b) Chrysler "backing off" Rolls engine because of metric system used 5/23/40 183

c) Characteristics of Rolls Royce-Merlin Engine 5/23/40 184

Allison production, Gen. Motors plant in Canada to build Bristol engines discussed by HMJr., Mead, and Sloan 3/23/40 234
War Conditions

Airplanes:
2 Engines:

Packard engine: Packard considered very similar to Rolls-Royce engine but with greater horse-power. 5/23/40 265: 182

FDR's Naval Aide told Edison has assured company of $1 million contract; HMJr wants no contracts made until entire picture has been studied.

5/23/40

a) Compton (Navy Dept.) tells HMJr story of interview with Edison

5/23/40
War Conditions

Airplanes:

Machine Tools:

War and Navy asked to send reps. to conf.

HMJr is planning 5/23/40 265: 170.

Conf.: present: HMJr, McReynolds, Young, 172

Capt. Almy, Major Hauseman 5/23/40 208

Coordinator suggested by Brett 5/23/40 236
Pursuit planes, motorized equipment, and anti-aircraft batteries requested of U.S.
5/23/40
265: 273
Airplanes:

Gorrell, of Air Transport Assn., confers with Hinckley on "DC-3's airlines have on order"
5/24/40

Mfrs. (list of) contacted for immediate survey of number on order for U.S. and foreign govt., etc. 5/24/40

FDR asks War Secy. Chief of Staff for program of requirements; no future contracts without clearing through Secy. of Treas. to FDR
5/24/40

a) Brett (Air Corps) War Dept.) memo to HMJr stating he should have program but has not 5/24/40

1) FDR dictates order placing all aircraft under HMJr as result of above memo e) now
c) HMS talk Medal 5/25/40 119

b) Edison's acknowledgment - hope that H.M.S will check his facts carefully before replying to F.D.R. 7/25/40

C) Louis Johnson's acknowledgment 6/27/40
War Conditions
1-A Airplanes:
Progress report of Air Corps, Army,
for period of Jan. 1 - April 30, 1940
266: 257
War Conditions

Airplanes:

Canada:

Training program - interruption in supply of planes from England and ways to supply planes immediately discussed in Purvis memo to HMJr 5/27/40 266: 251, 252, 261
War Conditions

Airplanes:

Consolidated Aircraft:

Subsidiary plant to be built in Texas taking over fixed assets, etc., of Hall Aluminum Aircraft Corp. 5/24/40
Airplanes:

Rolls Royce engine:
Kennedy consulted concerning transfer of plans to U.S. 5/25/40 266: 92,124
 a) HMJr discusses with Mead 115

Allison engine:
Trouble at plant reported by HMJr to FDR 5/26/40 154

Hosso, J. Edel, reported by HMJr 5/27 207
Mead report 5/17 262
Kennedy, by secret dispatch, reports plans to arrive by English destroyer approx. May 30; U.S. licensed to proceed with manufacture without charge 5/26/40

a) Mead refused any part of this cable

(See AM Jr's letter to Woodring announcing receipt of plans, etc., under date of 6/13/40:
Book 272, pages 12-A and 98-A)

Chrysler correspondence: "Not interested" 5/27/40
War Conditions
Airplanes:
France:

Bullitt cables for additional planes:
Welles asks Marshall whether FDR is contacting War Dept. directly or whether State is to contact War Dept. and then report to FDR as to answer 266: 25

a) Marshall replies that he does not know answer 5/24/40 24

Bullitt cables on same subject 5/27/40

215, 216, 217
War Conditions

Airplanes:

Machine Tools:


5/24/40

Sloan and HM Jr. discuss maintenance of usual economy simultaneously with defense developments 5/25/40

Conf. on statement by Machine Tool Committee of Army and Navy Munitions Bd.

5/27/40

a) Data on requirements of Army and Navy prepared by Henning (Navy) and Soderholm (Army)

5/28/40
Airplanes:

2 Machine Tools:

Kennedy inquiry concerning British report that orders will not be filled if placed after May 26. 5/27/40 266: 260
War Conditions
Airplanes:
Norway:
Balchen and Norwegian Minister ask RAM Welles as to possibility of getting 75 to 100 used pursuit planes - for example, P-36 5/27/40
a) H/Jr tells Welles "no possibility"; Marshall has stated Army cannot spare a plane because of pilot training program
War Conditions
Airplanes:
Spitfire and Hurricane:
Kennedy asks whether U.S. wishes plans
5/26/40
a) HMJr's reply 5/26/40

asking also for Frankie Nash aircraft gun mount; magnetic mine detector
as carried on aircraft; twin engine from captured planes.
War Conditions
Sweden:

Pursuit ships (70) of old type desired

5/25/40

266: 50
War Conditions

Airplanes:

HMJr urges Marshall to make present request for $300 million as a part of the whole natl. defense program 5/28/40

Expansion program conf.; present: HMJr, Foley, Young, Haas, Mead, Brett, Lyons, Kraus 5/28/40

a) Foley explains progress on licensing
   1) Foley memo and draft of agreement 51
b) Training program and number of planes and engines available discussed by Mead 34
c) Jacobs engine order (2000) placed by Canada discussed 36
d) Navy training program described by Kraus 39
e) Edsel Ford coming for consultation 45
f) Brett dreads reporting back to Johnson 46
War Conditions

2 Airplanes:

50,000 Plane Program (Mead estimates for)
5/28/40

a) Copy to FDR "who liked it"
Marshalls supplemental estimates F.Y. 1941
prepared as result of horseback ride with
HMJr 5/28/40

(Actual drafts: pages 108, 111)

Mrs.: List (attached) contacted by telegram;
data to be sent to Haas at end of each
calendar week 5/29/40

"Proposed Army and Navy Load" 5/29/40
Chrysler Corp.: Keller reports on progress
of study on airplane engines situation 5/29/40
a) Wodring memo to FDR military 7/7/1941 estimate a answering memo to Wodring again request omission

* See also conference 5/20/40 831-374
War Conditions

3 Airplanes:

Expansion program conf.; present: HMJr, Mead, Young, Vaughan, Foley, Kraus, Kades, Gordon, Wilson 5/30/40

267: 331, 374

a) Program for U.S. and Allies discussed simultaneously

b) Curtiss-Wright: Possibility of building a plant somewhere west of Alleghanies which, on the 3-shift basis, could produce about a million or 1,200,000 horse-power a month

c) Pratt-Whitney "to tie up with some automobile co. outside of Detroit area if possible"
*(New American program p. 290)*
War Conditions

Airplanes:

d) Liquid-cooled engine to be manufactured by Ford, Chrysler, etc.

e) 50,000 plane program discussed
   1) FDR's reaction explained to group
   2) Army program doubled and Navy program raised 33 1/3%

f) Nelson's place in program discussed

g) Plywood engines discussed

b) Navy Planes: Slowness displeasing to FDR

l) License from the co. to be issued to U.S. Govt. who will re-issue to mfr.
War Conditions

Airplanes:

Advisory Board (Suggested)  5/29/40  267: 217
War Conditions

Airplanes:

Engines:

France: Gnome Rhone motors as requested by French Air Mission discussed by HMJr and Purvis 5/28/40

a) HMJr wants program presented as a whole

Chrysler Corp.: Keller reports on progress of study on airplane engines situation 5/29/40
War Conditions

Airplanes:

Machine Tools:

Stettinius and Knudsen: HMJr hopes FDR will ask them to be present at next conf. with machine tool reps. and Army and Navy reps. with a view to taking over the machine tool program

5/30/40
War Conditions

Airplanes:

"Naval Aircraft and Engine Procurement Program, 1941"

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Odlum, Floyd: Currie (Lauchlin) again asks HMJr to use Odlum; HMJr tells Mead and states he will not have either one interfering in his program; thinks Guy Vaughan (Pres., Curtiss-Wright) may be concerned in this too 5/30/40 267: 332
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Plant Expansion: HMJr feels Allies have paid for their share "and it's now up to us to do our share" 5/29/40
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- Airplanes:
  Sweden:

    Bullitt's suggestion that planes contracted for by Sweden now be transferred to France discussed by Welles and HM Jr.

5/29/40
War Conditions

Airplanes

Ward, Carl. Mead suggests asking Sloan for him; Hmjr points out he will be with the French Govt. for 3 mos. 5/30/40

French Govt. expresses grateful thanks for Ward mission 5/31/40
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Procurement (future) - authority over to be transferred from HMJr to Knudsen - HMJr's letter to McReynolds 6/5/40 269: 1-A

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b) FDR's press conf. 1-C
c) Contracts to clear through Knudsen; HMJr relieved of further responsibility 6/6/40 189
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Conf. at HMI Jr.'s home present: British Amb., French Amb., British Air Attaché, Jacquin, Towers, Stark, Welles, Purvis, Bloch-Laine, Nelson, and Young 6/5/40

a) Supporting memos provided by Marshall 6/6/46

b) Leroy-Beaulieu's letter of appreciation 6/6/40

c) Delivery to Buffalo starting Purvis told to begin preparations for flying new to Halifax 6/6/40 — bombers
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Bombers (Dive):

ca) Navy releases 50; delivery to Buffalo starting; Purvis told to begin preparations for flying bombers to Halifax 6/6/40

1) Picture

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1) HMS 111, burns outcome of
Conf. 6/9/40 BOX 270: 193
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Rolls Royce: Ford now thinks they can manufacture 6/5/40

a) HMJr tells Knudsen to tell Ford they must manufacture
6/6/40

Army Air Corps types X, HMJr acknowledges Woodring memo 6/5/40

Requirements and Sources: Cover-all report prepared by Aeronautical Section,
National Defense Commission 6/6/40
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Ford Motor Co.:

"Educational order" suggested by Arnold (Chief, Air Corps); transmitted to Louis Johnson by HJr; later withdrawn by Arnold 6/5/40
Airplanes: Requirements

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Progress report as of Jan., 1939, 1940, 1941 (estimated) 6/3/40 268: 47

Centaurus: Beaverbrook tells Kennedy this is the best engine of which plans are already in U.S. 6/4/40 191

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a) Knudsen to be asked to "take over"
b) Priorities discussed
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36 See also War Conditions: U.S. - Surplus Materiel

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Agreement (proposed) and correspondence
concerning licenses to the Govt.
6/7/40

Frank's (Jerome) suggestions with regard to
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Rand (J. H.) memo concerning spare equipment
which private air transport companies have
6/7/40
* a) White House asks HMJr to prepare answer and HMJr asks EX Hinckley (CAA)
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37 Airplanes:

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200 valued at $12,800,000: Joint Anglo-French letter of intention signed 5/29/40 - Young report 6/10/40

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c) Pelley (J. ••.) thanked for assistance
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Engine: Superiority of Pratt-Whitney/Curtiss-Wright over Hispano-Suiza and Gnome-Rhone emphasized by Ward (Carl) to Bullitt

a) Knudsen so informed
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Allison Engineering Co.: Estimated deliveries through February, 1942
a) HMJr discusses with Sloan

Rolls Royce: Ford "willing to sign contract with Allies and one with U.S. Govt."

Knudsen informs HMJr 6/11/40
a) HMJr discusses with Treas. group
   · Ford's attitude when he discovers
6) Kennedy asks when and where HMJr will get plans and specifications
6/11/40

HMJr and Knudsen discuss Allied purchasing orders of "so-called Merlin type"
6/11/40

1) Talk with KS at the time
2) Encourage advance production of Merlin
6/13/40 RX 272:152
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Lockheed Aircraft Corp.: 360 Model 37 planes - contract signed by British 6/6/40:
Young report 6/10/40
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Ward, J. Carlton:

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Report 2  6/10/40

(For Report 2 see also Box 271: 25)
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b) A-17's and A-17A's: Comparison by Chief of Staff 111

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Allison Engineering Co. Division, Gen. Motors Corp.: FBI report acknowledged 6/12/40 272: 45-A,

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Rolls Royce:

Plans and specifications located in Canada and arrangements for transportation to U.S. made by Purvis 6/12/40 272: 1,4,8

a) Contract to be between British and U.S. Govts. 12-A

b) Plans to arrive in Washington 6/13/40

Kennedy asked to get immediate info. as to when Rolls Royce Griffin engine comes into production 6/12/40

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c) Woodring agrees to accept consignment direct from Railway Express office in Washington; HMJr asks to be consulted before licensing negotiations between British and U.S. Govts. are completed

6/13/40

1) Coast Guard Officer to be present;
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2) Knudsen told of Woodring's acceptance 175

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d) Knudsen plan for plant expansion
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2) Foley's rough draft of agreement
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(Revised form: See Book 273,
page 217.)

a) Nodriza's acceptance of
agreement 6/6/40 273: 1
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3 Plant Expansion:

d) 3) HMJr tells Treas. group he will give Knudsen benefit of doubt and say that he has not understood conferences to date and action agreed upon 6/19/40: See Book 274, page 23

e) Obsolescence: HMJr and Treas. group discuss question 6/19/40: See Book 274, page 69

1) Viner memo: Foley resume 6/20/40: See Book 274, p. 171
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4 Plant Expansion:

f) Conf. in Knudsen's office; present:
Knudsen, Nelson, Biggers, Foley,
and Kades 6/24/40:
See Book 275, page 133
a) Proposed agreement between
Defense Finance Corporation
(to be created by RFC) under
Senator Glass' bill now
pending in Senate) and any
and aviation engine company

g) MII Second conf. of above group
together with reps. of Wright
Aeronautical Corp. 6/24/40:
See Book 275, page 135
1. Biggers' summary of steps agreed upon: See Book 275, page 136
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h) Understanding reached by Knudsen, Biggers, Jones, and reps. of Wright Aeronautical Corp.: Foley memo - 6/25/40:
See Book 275, page 233
1) Summary of draft agreement

2) Pursis resume of understood
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272: 114
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Republic Aviation Corp.:

Progress report shows production capacity will be partially idle in near future unless new orders are placed 6/13/40 272: 118
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39 Bombers (Glens):

FDR and HMJr decide they can spare 10 to Great Britain after capitulation of France 6/17/40 273: 123

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Albemarle, Tornado, together with jigs and tools, offered by Beaverbrook 6/18/40 210

a) Answer to Kennedy 212
b) "Lay off" - FDR tells HMJr: "only adding fuel to fire" 6/20/40:
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c) Resumed action by office of Chief of Staff 6/20/40 at 275 267
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Pricing commitment to Canada of planes purchased by British and French - memo from Foley and Young to HMJr 6/17/40 273:68

1) If title passes in the air as they cross Canadian border and if contracts are so written, State Dept. will be satisfied

HMJr tells Schwarz to "Give out the story"

2) Discussion at group meeting

b) For Foley's opinion see BX 274:200

c) Hull's letter of instructions based on Foley opinion 6/19/40 BX 274:30
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Allison Engineering Co.:

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Hispano-Suiza: Will arrive in U.S. 6/29
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Hm To tells Am. Em. Boulancourt
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of Rolls Royce 6/20/40 273: 166
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Rolls Royce:

Merlin III's, X's, XX's: War Dept. advised Baker, of Anglo-French Purchasing Board, approves release of details and tool drawings 6/17/40

Purvis, Treas.-Knudsen correspondence concerning "intention of Allies to join in production in U.S." 6/17/40

a) British will take over 2700 intended for French - Purvis letter to Knudsen 6/18/40
a) Woodring asks RMJr to put in writing instructions which will govern Woodring in his contact with Purchasing Board
6/18/40

b) Woodring informs RMJr plans to hand in proposal to Board on 6/19/40

(Handwritten notes: Resume of all steps, 156)
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Machine Tools:

French orders after capitulation to be taken over by British in spite of telegram from Natl. Machine Tool Builders Assn. to all members recommending that domestic orders be moved up 6/18/40 273: 204, 208

a) HWJr discusses with Knudsen

6/18/40 272
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40 Engines:

Ford: HMJr asks Knudsen to release statement to newspapers, emphasizing that Edsel Ford absolutely agreed in Washington to participate in contract; Knudsen acquiesces

6/19/40

a) HMJr so informs Purvis

b) Text of Knudsen's statement

6/20/40

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See also Purvis: HMJr conversed

6/25/40 6x 275: 260
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Jacobs: Resume of steps of Canadian negotiations

6/19/40

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Airplanes:
Engines:
Rolls Royce:
Griffon: Mead inquires what steps have been taken to secure drawings, samples, etc.
a) HMJr tells Young to take no action 6/19/40
Merlin: HMJr asks FDR and Budget to set aside $2 million out of the $100 million emergency funds made available to the President to pay for royalties 6/20/40
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Progress report: *Unfilled orders and estimated deliveries, May 1 - June 15, 1940* - transmitted to Chief of Staff Marshall and acknowledged by him 6/20/40 274: 190, 193
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United Aircraft Corp.:

Correspondence between Treas. and Corp. relative to agreement "granting to corporation designated by the Govt. non-exclusive licenses to manufacture for and sell to the Govt. any aviation engine ***": Copies to McReynolds 6/19/40 274: 42

a) Draft of agreement as of 6/7 46
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Ward sends third report from Portugal on situation as to production of aviation engines in France 6/19/40

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Airplanes:

Bombers:

Progress report on delivery as provided by Stottinibus 6/22/40

a) Treasurer acknowledgment 6/25/40
Knudsen reports to HMJr on 1½-hour conversation 6/24/40

a) Ford Motor Co. will make 100,000 motors for U.S. but nothing for Allies; Knudsen suggests talking to someone else

1) Anglo-French Purchasing Board states it has never bought anything from Ford in the U.S.; has, however, from Ford in Canada 223

2) Hardie (J. Carlton) report on Ford

3) Purvis told of Knudsen's talk with the Fords 6/25/40 255
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Engines:

Allison: Test results reported by Sloan to HMJr to FDR 6/21/40

Hispano-Suiza: Rights for manufacturing now owned by Matford, of which Dolfuss is president; Dolfuss has ceded rights to Ford Motor Co. through Henry and Edsel Ford; doubt expressed whether any French authority is in position to transfer license to U.S. Govt. 6/23/40

Rolls Royce: Discussion between Mead and "Rolls Royce lawyer" talked over by 9:30 group; HMJr announces he will accept reports only from Beaverbrook to Kennedy to him 6/24/40
War Conditions
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2 Engines:

Rolls Royce:

HMJr informs Kennedy he has turned over only plans for Rolls Royce Merlin engines III, X, XX; will hold balance of plans in custody until word is received from Beaverbrook through Kennedy 6/24/40 275: 224

a) Beaverbrook's reply through Kennedy 254
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Shipment from U.S. rerouted after downfall:

Kennedy asked for info. 6/24/40 275: 115

American Consul, Casablanca, Morocco,
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a) Report from Casablanca -
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Ward, J. Carlton:

Comment on Ford (Henry and Edsel) attitude 275: 255
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42 Engines:


276: 2

a) Copy to Kennedy in London 4,8

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1) Kennedy's reply

276: 149
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Machine Tools: See War Conditions - Purchasing Mission - for general discussion of entire situation following French collapse

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Ward report: Copies of No. 3 sent to FDR, Knudsen, etc. (report itself not attached)

6/26/40

276: 18
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Rolls Royce: Moloney, (Thomas R.) memo
"right and wrong methods of making"
6/29/40
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Wright Aeronautical Corp.: Conf. in Knudsen's office; agreement reached that lease will continue 6 months after company is relieved from obligation to deliver any engines to British Govt. or six months after cessation of natl. emergency, whichever date is later 6/28/40

277: 64
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Foreign Lessor of Aircraft Engine Plants:

Foley memo    7/2/40    279: 21
Rolls Royce:

Rolls Royce president and attorney, McManus, explains company's position following newspaper publicity on Merlin engine 7/2/40

HM Jr instructed to return plans and drawings of Rolls Royce "G" engines and Halifax-Handley Page aircraft to Canada, keeping Merlin engine plans a little longer 7/2/40
War Conditions

Airplanes:

Engines:

Wright Duplex Cyclone: Beaverbrook requests 2
7/4/40

279: 284, 306, 346

a) Discussion by HMJr, Young, Towers, Arnold, and Brett - 7/9/40:
See Book 281, page 162

b) Cable to Kennedy - 7/9/40:
See Book 281, page 171
War Conditions
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46. Allison Engineering Company: Report on actual and estimated deliveries - January 1940 through February 1942
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Airplanes:

Boeing Aircraft Aeronautic Union: Planned strike reported by FBI

280: 215
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Airplanes:

Wright Aeronautical Corp.: Copy of draft agreement with United Kingdom sent to Knudsen

7/8/40

a) Knudsen acknowledges; has withdrawn objection to lease

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Airplanes:

Canada inquires concerning release of certain U.S. designs for production in Canada.

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Engines:

Packard: HMJr and Kundeen discuss promise that Purchasing Mission would be taken in on same basis as agreed upon with U.S.

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281: 190

a) HMJr talks to Purvis 7/10/40 204
Lockheed Aircraft Corp. reveals contractual obligations from whose secrecy clause they have now been relieved 7/9/40 281: 58
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Packard: Agreement to make engines for U.S. and Gt. Britain reported to Purvis by HJr 7/13/40

a) Knudsen disturbed over possible refusal of Jones to agree to plan which will make possible same treatment from RFC with regard to additional plant facilities as U.S. (Foley memo) 7/15/40

1) Jones' letter to Knudsen

2) Meeting with Packard officials
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Rolls Royce: Schafer (Congressman, Wis.)—HM Jr correspondence concerning "provision of law authorizing Treas. to place joint purchases for U.S. and Ct. Britain" 7/11/40 282: 90

Disposition of plans and drawings now in War Dept. 7/15/40 393,506
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Preliminary report of Ward group sent to France at their request by General Motors 7/15/40

a) Original returned by EMJr after copy has been made - 7/16/40: See Book 283, page 49

b) Copy sent to Gen. Marshall - 7/16/40: See Book 283, page 64
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Rolls Royce Griffin: Beaverbrook's permission for release to Knudsen - War Dept. informed 7/16/40 a)

b) Copy of letter to Knudsen 132

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- a) HMJr's memo to Stimson
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Lockheed 4-engine stratosphere plane:

Purvis and HMJr discuss 7/19/40

Additional notes:

- 1943 notes to McKee calling attention to FDR's wishes with regard to supplies from Brit (planes with engines) 7/21/43
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Beaverbrook sending Junker engine from
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3. Bendix Aviation Corp.: FBI report on impending strike
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a) Young memo on conf. 252

b) Purvis and HMJr discuss conf. 255

Martinique Planes: Return discussed by HMJr and Bell 7/23/40

a) French Amb. wants funds involved "free and not frozen"

b) Welles and HMJr discuss 295
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RFC authority adequate for lending funds "to mfrs. of articles and materials useful for natl. defense"; Gen. Counsel's opinion transmitted by H&Jr to Knudsen 7/23/40 285: 190

a) Justice Dept.—Foley conversation on which opinion was based 259
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Boeing Aircraft Co.: FBI report

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War and Navy Requirements: Revised program

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Six separate plants, each with capacity of 12,000 planes a year of 1000 horsepower or over - half for England and half for U.S. - planned by HMJr 7/24/40 286: 124-A

a) Conf.; present: HMJr, Brett, Lyon, Towers, Kraus, and Young 7/24/40

1) Production lag discussed thoroughly
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United Aircraft Corp., Pratt-Whitney Aircraft

Division: Wasp Junior Models released

for export by War Dept.  7/24/40

286: 80
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Engines: Financing of by RFC:
Packard-Rolls Royce arrangements for joint British-U.S. purchases: Purvis-Knudsen and Purvis-HMJr correspondence protesting change in arrangements already completed with RFC
7/24/40

a) Purvis-Young conversation

*Dr. Carmean-Cohen-Foley memo

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b) Knudsen-HMJr conversation
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Magnetic mine detonator being sent by Beaverbrook: Kennedy cable 7/26/40

Visit to various plants by FDR suggested by HMJr 7/26/40

Transfer of title in connection with delivery to Canada discussed by Aeronautical Chamber of Commerce 7/30/40
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Engine:
Royalty basis for payment discussed in United Aircraft Corp.—H%Jr correspondence 7/26/40
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56 Airplanes:

3000 planes monthly program: Knudsen-Purvis data on cost per month, etc. 8/2/40 288: 247
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Airport situation in U.S. discussed by Hinckley at Cabinet meeting 3/2/40

Boeing Aircraft Co. & Labor Conditions - FBI report

Cannons-Machine Guns: Beaverbrook advises against increased production of 20-mm cannon; offers drawings and specifications of Mark II cannon; prefers machine guns to the 20-mm cannon 8/1/40
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Employment in the Aviation Mfg. Industry:

Haas memo and chart 8/5/40 289: 136, 144
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   Allison Engineering Co.: Schedule of deliveries

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Copies of progress reports (not attached) on planes and engines sent to Knudsen, War, Navy, Council of Natl. Defense, etc.

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Haas reports on telephone calls 291: 8,10
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Allison Engineering Co.: Young and Haas reports 8/9/40 291: 3, 6, 7
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Expansion and its relation to defense program discussed at 9:30 meeting

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RPC financing of Packard plant expansion for production of Rolls Royce Merlin engines

a) HMJr's memo for FDR in connection with Jones' statements
8/13/40

1) Discussion at 9:30 meeting.
   a) Govt. ownership of plant eventually (HMJr's original idea) again discussed
   8/13/40

2) Discussion by HMJr and Henderson

3) Handling of WWII defense Tons, attitude 9/10/40
   294: 6
4) Kendrew sent copy of General Counsel's opinion that he may not engage in fur sale to other than her. (ibid) 04.294:176
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Shipments of planes and parts awaiting clearance in N.Y. 8/14/40

a) New York Central point of view on engines contracted for by French authorities

Curtiss-Wright Corp.: Report of trip by Haas and Commander Kosaler 8/14/40

British defeat - possibility of must be taken into consideration when making contracts: Stimson and HMJr discuss 8/14/40
War Conditions
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Allison Engineering Co.: Report of trip by Haas and Commander Kossler
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Progress reports sent to Secys. of War, Navy, etc. 8/15/40
Hughes, Howard: Plant near Los Angeles to manufacture plywood planes - Hinckley's report 8/16/40
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Progress report (photostat copy)  8/24/40  252
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Progress report for HMJr in Canada

8/22/40
Airplanes:

Douglas Aircraft Co.: Public relations discussed by rep. with Gaston 8/28/40

Production: FDM asks for correct figures on orders and deliveries at Cabinet meeting 8/28/40

Plant Expansion: RFC attitude brought up-to-date for HMJr by Young 8/28/40

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Report on planes awaiting shipment at Port of N.Y. 8/30/40
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Consolidated Aircraft Corp. - Model LB-30:
British Purchasing Mission asks priority on six to be delivered during Sept. and Oct. 9/3/40 302: 119
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Employment report by Haas 9/3/40 302: 161
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Howard Hughes plant: Visit to -

Knudsen report 9/3/40
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Pilots: Training program discussed in conf. with Capt. Balfour: Henry III reports on 9/3/40
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Various ways of financing now under consideration discussed by HMJr and 9:30 group 9/3/40

a) Allison plant expansion discussed by HMJr, Purvis, Ballantyne, Dewar, Young, and Buckley 9/3/40

b) Patterson, Knudsen, Forrestal, Jesse Jones, and Stimson invited to conf. 9/3/40

1) HMJr discusses with Bell 279
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Pearson and Allen (Washington Merry-Go-Round) discussion on amortization - EMJr asks Sullivan and White to prepare answer 9/4/40
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Program discussed by British Purchasing Mission, reps. of War Dept., Treas., Knudsen and Mead 9/4/40
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Airplanes:

Pan-American Airways: 3 Lockheed planes released 9/5/40

a) Will be used to ferry pilots from Canada
b) Mead's letter to HMJr 9/5/40
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Airplanes:

Plant Expansion:

See also Revenue Revision

Chrysler plant expansion discussed

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- Air force training planes of plastics.

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a) Northrop Aircraft, Inc., and Curtiss-Wright Corp. asked for additional info.
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United Kingdom program for deliveries, Oct. 1, 1941 - March 31, 1942, in addition to those outstanding on 9/30/40

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68. Airplanes:

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9/11/40

Aircraft or Aircraft Engines: Proclamation placing under export control plans and specifications for manufacture of
9/12/40
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Engines:

Ford Motor Co.: Agreement to manufacture engines again brings up question of assignment of patents 9/11/40

Army airplane engines: Foley memo on clause in Military Appn. Act, 1941, stating that "fixed fee for contractor *** shall not exceed 6% of estimated cost of contract, exclusive of fee ***"
9/13/40

a) HM Jr discusses with Knudsen
9/13/40
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Curtiss-Wright Corp.: British request for release of 120 #1620 engines for use by U.S. Air Corps discussed in Young memo 9/18/40

Wright Aeronautical Corp. (Cincinnati, O.): Foley memo reciting reasons for delay in increased production and suggesting solution thereof 9/16/40
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Airplanes:

70 Coordination of British orders and defense orders for U.S. discussed at conf.; present: HMJr, Knox, Forrestal, Patterson, Young 9/20/40
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Employment by regions as shown by map

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9/24/40
War Conditions

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Allison Engineering Co. shows marked increase in production, Sept. 1-21, 1940 — FDR so informed 9/25/40

Packard Motor Co.: Up-to-date report on unfilled orders, new orders, deliveries, etc., requested 9/25/40
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73 Canadian training plan: Success described by Purvis in face of...

Deliveries on 1-for-1 basis until July 1, 1941, discussed by HMJr, Patterson, Knudsen, and Young.

9/26/40

a) 50-50 basis in existence at present discussed by Knudsen and HMJr.

b) Stimson and HMJr discuss uncertainty.

c) HMJr talks to Purvis of AMO with Bullitt. 150
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PBY-5's: All production to be turned over to British until July 1, 1941

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a) Knox and NMJr discuss
b) Knudsen and NMJr
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Planes on order from Republic Aircraft

9/30/40

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War Conditions

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14 Conf. with Stimson and Patterson on planes and engines 10/1/40

a) Abandonment of all commercial plane building suggested

1) Knudsen feels 3 mos. notice should be given

b) Bombers (additional) for England promised

c) Delivery schedule

d) HMJr and Knudsen discuss results of conf. with Stimson and Patterson

1) Purvis told by HMJr he doesn't know what Knudsen was talking about
War Conditions

Airplanes:

Delivery maintenance for British absolutely imperative - discussion between AJr, Young, Purvis, Fairey, Gray, and Mansell; Brett and Lyon present at 2nd conf.

10/1/40

a) Delivery schedule
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a) Beaverbrook thanks HMJr for help, past and future 10/3/40 306
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PBY-5 Flying Boats; B-24 Bombers: Increase in deliveries to Gt. Britain discussed by HMJr, Knox, Purvis, Young, Ballantyne, Capt. Ramsey, and Lt. Anderson 10/2/40

a) "Historical document" showing increased delivery by Consolidated Aircraft

Consolidated Aircraft: Expansion of plant and housing of employees in San Diego discussed by HMJr, Foley, Young, and Buckley 10/2/40

a) Buckley and Foley to go to San Diego with Fairey (Br. Pur. Com.) and reps. of Army and Navy
1) HMJr and Knox discuss report 10/3/40
2) " " Purvis " "
3) " discusses at 9:30 meeting
War Conditions

Airplanes:

Sweden: Republic Aircraft contract discussed by HM Jr and Patterson 10/2/40

a) Discussed at conf. with reps. of British Purchasing Commission and War Dept. 10/3/40
War Conditions

Airplanes:

Beaverbrook resumed of needs provided for FDR, HMJr, Stimson, and Knox only 10/4/40

a) Beaverbrook thanked by HMJr 10/5/40
War Conditions

2. Airplanes:

Curtiss-Wright Corp.: British contracts

10/7/40

319: 298

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3 - Airplanes:

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Allison situation discussed by Sloan and HMJr
10/4/40

a) Increase to 14- or 1500 horsepower
discussed by Purvis and HMJr
10/4/40

b) Buick plan to build 5000 air-cooled
generators also discussed

Allison Engineering Co.: Schedule of
deliveries 10/7/40
Shipments 10/7/40
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Order fulfillments of various plane cos.: Young memo 10/7/40

319: 294
Switzerland:

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Purvis memo relinquishing Republic planes to Sweden 10/5/40
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Airplanes:

Consolidated Aircraft: Conf. in San Diego;
present: reps. of Army; Navy; and Foley,
Kades, and Buckley, of Treas. 10/7/40
Beaverbrook thanks HMJr for understanding and assistance

a) Personal message of gratitude sent by HMJr through Lothian 10/8/40

See also Book 321, p. 337
War Conditions

Airplanes:

Consolidated Aircraft: Housing of employees at San Diego revealed by visit to plant - HMJr asks for memo for FDR 10/8/40. 320: 24

Findings discussed by Treasury reps. with British Purchasing Mission 10/8/40. 45

Foley memo on visit 10/8/40. 111

Agenda for conf. on facilities 10/8/40. 130

HMJr asks FDR to speed legislation 10/8/40. 200

a) Conf. report adopted almost simultaneously 201, 203

Conf.: Present: HMJr, Knudsen, Knox, Stimson, Patterson, Forrestal, Marshall, Brett, Towers, Pennoyer, Young, Foley, and Buckley 10/9/40. 274
* a) Agenda

** a) Carmody (Administrator, FWA) compliments Foley 10/10/40:
See Book 321, p. 175

b) FOR signature of bill 16/10/40
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Airplanes:

2 Consolidated Aircraft:

Forrestal transmits letter from Schnacke
(Smith, Schnacke & Compton, lawyers)
10/9/40

Knudsen sends Mead to plant: discussion
at 9:30 meeting 10/10/40

a) Patterson informs HM Jr

Aluminum supply investigated by Forrestal

Forrestal telegram to Fleet
concerning contract 10/10/40
War Conditions

Airplanes:

2 Consolidated Aircraft:

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concerning contract 10/10/40
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Employment in the Aviation Mfg. Industry:

Haas memo 10/10/40

a) September figures sent to White House

1) Map
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Allison Engineering Co.:
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HMJr plans to visit plant 10/10/40 320: 313

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b) Purvis 415

c) Trip cancelled - HMJr informs Purvis – 10/11/40: See Book 321, p. 92
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North Amn. 2-seater advanced trainer:
One out of every 7 to be transferred
to the British 10/8/40
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Bombers:

British-type Martin bomber 187-B and U.S.-type B-26A compared 10/8/40 (Fleet, Pres.)
Consolidated Aircraft refuses additional commitments but later accepts Navy order for 200 long-range bombers:

Forrestal-HMJr conversation 10/10/40 316
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Vaughan (Curtiss-Wright) and HMJr discuss dive bombers 10/10/40 336,345

Conf.; present: HMJr, Buckley, Purvis, Fairey, Young, Towers, and Knox 10/10/40 393
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Six B-24's for the British: Young memo
10/14/40

a) Beaverbrook message of
gratitude transmitted by Purvis
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Consolidated Aircraft:
Conf.: present: HMJr, Foley, Young, Buckley, Knudsen, Stimson, Marshall, Brett, Lyon, Towers, and Forrestal 10/11/40 321: 25,193
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b) Sperry automatic pilot
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33
c) Deficiency list
48
d) Housing in San Diego: Report
49
   1) Knudsen informs HMJr 6200 houses
      now available: discussed at 9:30
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5
Six B-24 Bombers for the British: Young memo
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3-Airplanes:

Curtiss-Wright Corp.:

P-40 under fighting conditions;

P-40-Bell plane-Lockheed Interceptor comparison:

HMJr requests Young to get report from

British 10/14/40

P-40: Last one in storage shipped -
Maas informs HMJr at 9:30 meeting

10/14/40

Schedule of deliveries as of 10/12/40
War Conditions

4 - Airplanes:

Engines: Allison Engineering Co.

E-5 engine needed for Bell plane tests
10/12/40

SEP story based on plant discussed at
9:30 meeting 10/14/40

Schedule of deliveries 10/14/40

Shipments 10/14/40
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Airplanes:

Four-man committee to speed production (HMJr to be chairman): HMJr requests Schwarz to see Early concerning publicity 10/14/40 321: 214

a) No objection to discussion by HMJr at press conf.: Early's reply 336

b) See Herndon report to W.H. of Vandenberg's "jailory" OK 322: 83

1) HMJr - McReynolds Dixon HMJS fight conf. announcement OK 322: 212
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6. Airplanes:

Plant Expansion:

Contracts now to be approved by Defense Commission (Miss Elliot, Hillman, etc.) instead of Knudsen: Forrestal informs HM Jr
10/11/40

a) Stimson-HMJr conversation
10/14/40

b) Form of contract as completed by Hal:

[Handwritten note: "Army Con. 321: 179"
Simmons of contract by Navy to be pub'd in Pub. Reg.; Army will jointly follow suit"]
War Conditions

7. Airplanes:

Plants (United Aircraft, Republic, etc.):

Forrestal and Patterson plan to visit:

Forrestal-HM Jr conversation
10/14/40

a) Forrestal consults HM Jr concerning Knudsen rep.
10/14/40
War Conditions

Airplanes: and delivery schedules
Standardization discussed at conf.; present:
HM Jr, Buckley, Young, Knudsen, Foley, Stimson, Marshall, Brett, Lyon, Towers, and Forrestal
10/11/40

a) Young apptd. to committee
10/14/40

b) Competent British technical personnel urgently needed: Brett memo transmitted by Young 10/14/40
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Airplanes:

Turrets: Situation discussed at conf.; present: HMJr, Buckley, Young, Knudsen, Foley, Stimson, Marshall, Brett, Lyon, Towers, and Forrestal

10/11/40
War Conditions

Airplanes:

Consolidated Aircraft:

Vocational school needs: Fleet (Pres.)
telegram to HMJr concerning report
prepared for Studebaker (Office of
Education) 10/15/40

Production report (revised) shows enormous cut
in delivery figures; HMJr suggests new
production manager 10/15/40

Fleet to WH asking for $500,000 for $60,500,000
approp. to Office of WD: War, Navy, Kinetics info. 11/10/40
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Airplanes:

80 Bombers:

Automobile-type of production of 4-engine and 2-engine bombers promised by Knudsen:

HMJr discusses with Purvis 10/17/40 323: 45
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Airplanes:

Brewster Aeronautical Corp.: Young report after visit to plant 10/19/40
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Grumman Aircraft Engineering Corp.:
Young report after visit to plant
10/19/40
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Martin, Glenn L., Co.:

Municipal problems confronting -

Buckley memo 10/17/40  323: 82,86
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Airplanes:

Plant Expansion:

Amortization provisions of Second Rev. Act. of 1940 - contract for emergency plant facilities as it appeared in Fed. Register 10/19/40, p. 222

a) Eichholz report

b) Correspondence with Knox 10/18/40

British plan for plant expansion, 1935-1939 - copy sent to HNJr by Leon Henderson 10/19/40
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Pratt-Whitney: Young report after visit to plant 10/19/40
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Purchasing Mission: Summary of orders

10/12/40

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Swedish Contract: State Dept. to be asked
to reaffirm its revocation so that Army
can get these planes 10/17/40 323: 89
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Bombers:

British Purchasing Commission acceptance of U.S. Army proposal for exchange of deferred deliveries of Consolidated B-24's and 1820 engines

10/23/40

a) Copy sent to FDR

10/24/40
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  Engines:
Allison Engineering Co.: Shipments
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Airplanes:

Plant Expansion:

Proposed joint Anglo-Amn. plan for creation of further aircraft production capacity - Layton memo 324: 293

a) Copies sent to Stimson, Jesse Jones, Knox
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Airplanes:

Curtiss-Wright Corp.:

"Pat on back" by HMJr gratefully acknowledged by Pres. Vaughan

10/25/40
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10/25/40

a) Commodore John Slessor and Hugh Paer may come to U.S. in this connection
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Plant Expansion:

Pratt-Whitney: Report of Chairman Rentschler

10/26/40
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Purchasing Mission:
Increased needs (9000 more planes) discussed by HMJr and Stimson
10/25/40

HMJr suggests to Purvis that Churchill cable needs in his own language and FDR will then announce needs
10/25/40

Overcharging by some U.S. aircraft mfrs. reported in Young memo 10/25/40

Bombers: Knudsen tells HMJr increased British needs upset entire program
10/28/40

HMJr discusses with Fairley and Self to discuss with Knudsen
a) For statement see p. 177
1) Purvis and HJr discuss 325: 136
2) Additional orders proposed by Knudsen for immediate release 181
3) Copy to War, Navy 326: 32
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Buick: Order for 5000 engines (3 for British and 2 for U.S.) discussed by HMJr and Knudsen 10/31/40

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Buick financing agreeable to Purvis and
HMJr; Knudsen so informed

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Natl. Defense Advisory Com.' reluctance to certify to RFC necessity of facilities involved delaying program - Purvis memo 11/7/40
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a) Knudsen memo
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Standardization (Aircraft): Young memo
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88 Allocation of extra aircraft capacity:

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Major Fleet, in conf. with HMJr and Young, states that "log-jam is breaking"; entire situation reviewed

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as) Change of rest Hnt Spt to wage 24 hr. 10ag 12/3/40 336: 151

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c) Discuss Ford's reply 12/16/40 336: 80

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b) SK's supplementary memo 14/146

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13 Needs and production (Slesser's memo, etc.) discussed by HMJr, Ballantyne, Wilson, Self, Monnet, Young, and Buckley 12/11/40 338: 250

a) HMJr begs for same sort of mem
Beaverbrook sent in September
b) Curtiss P-40! HMJr begs York info. on what this plane is accomplishing in combat with the Germans
c) Observers: Beaverbrook MEK OK's as many as U.S. wishes to send
1) House arms how many B.P.M. own that are still awaiting shipment for anywhere in U.S. — Green needs minimum 255

2) Major Smith report on performance — compare with Spitfire

3) Beaverbrook report 12/1/40 339: 113
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Greece: Hull consulted by HMJr concerning plan to take 30 planes from British for Greeks 12/11/40

a) Hull told Curtiss P-40's useless for Greeks since proper landing fields are not available; British to consult with Gen. Metaxas as to what U.S. has that Greeks could use 12/11/40 270

12/12/40 339: 37

Brand's will send 30 new Defiants with 40R's and 40 44s if so desired 12/11/40 359: 36

i) Hull informed 12/4: 4/15, 13/12

a) House tells House of his confusion: Metaxas will accept a framer planes as sub. for P-40 planes

12/13/41 341: 30

Greek legation memo re PL need of P-40s

12/19/41 341: 229

b) House discussed with Stah

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2 Greece:

12 gladiators sent by British from Egypt, which may prove satisfactory.

Young memo - 12/23/40: See Book 342, p. 50
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Employment in Aviation Mfg. Industry: Haas memo
12/12/40

a) Copy sent to FDR - 12/18/40:
See Book 341, page 149
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Bell Airacobra (P-39) pursuit: Slessor report on military qualities and production possibilities 12/16/40 340: 87

Deliveries, by purchasers and types of planes, bi-weekly, Jan. 2-15, 1940, and June 9 to Dec. 7, 1940, sent to FDR, Hull, Stimson, Knox, and Knudsen 354

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Curtiss-Wright to produce 300 additional P-40's for delivery in May, June, and July, 1941; allocation discussed in memo to Hull 12/18/40

a) HDW Jr. discusses with Phillips 12/20/40

b) Young memo 12/22/40 342:37

c) 6th Staff, Army, Liaison Com. 342:47

d) Conf. with Dr. Parish, Russian—Young memo 12/23/40 342:51
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Bell production records discussed with Collins 12/27/40
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Airplanes:

Deliveries, by purchasers and types of planes, Jan. 1 - Dec. 21, 1940

a) Copies sent to FDR and Hull

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Latin America:

Requests pending or recently disapproved:

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Thailand (Siam):

War Dept. negotiating for 10 North Amm. planes now in Philippines but owned by Siam; if taken over, Army will release 10 P-26 planes for China

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Allison Engineering Co.: Deliveries and shipments 12/30/40

343: 124,125
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Henderson memo on British "bonus" schemes and "target price" mechanisms employed in armament procurement contracts
12/30/40

a) White memo - 1/6/41:
See Book 345, page 148
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Airplanes:

Air Marshal Sir Hugh Dowding (plane production expert) arrives in U.S. 1/1/41

1) HMSO - Paris February 16/4: 100
2) Dowding, Paris Young and with HMSO
   1/1/41 345: 216
3) Press moment on Dowding arrival 345: 301
4) Of PTO'stelegram to British-Tangrammo 1/1/41

* (Over)
* P-40 Pursuit Planes: Need for increasing deliveries to England and Middle East emphasized in Wilson memo 1/2/41 344: 66-A
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Allison Engineering Co.: Deliveries  

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P-40 Pursuit Planes: British negotiations discussed by Young, Wright, and Vaughan
1/7/41
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101  Boeing Aircraft Co.: Memo on delays
     1/9/41
     a) Young memo
     b) Delay caused by British changes rather than lack of leak-proof tanks: Young memo 1/13/41:
     See Book 347, page 87
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Airplanes:

Deliveries by purchasers and types, 1/1/40--1/4/41

346: 47,48
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Greece:

FDR promises additional 30 planes (60 in all); Hull thinks original 30 should be delivered to the Greeks before any deliveries are made to other foreign purchasers.

1/3/41

a) Navy promises cooperation
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P-40 Pursuit Planes:
Allocation of 300 extra P-40's limited to China and Ct. Britain - Hull informed
1/10/41
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Republic Aviation Corp.: Requisitioning of 28 planes at value set by War Dept. approved by FDR 1/9/41
a) Money tied up in planes needed desperately - so Walker tells HJR 1/10/41
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    Turkey:
    Conversation concerning 20 P-40 planes;
    impossible at this time  1/3/41  346: 97
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Allison Engineering Co.: Deliveries and shipments 1/13/41

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Conf.; present: HM Jr, Greek Min.,
Adm. Towers, Lt. Anderson, and Young
1/13/41

a) Greek Min. asked for official letter expressing satisfaction if provided with 30 P-36A planes from Gt. Britain and accordingly XX U.S. will be asked for none 1/13/41

b) Harold Vanderbilt to be asked to arrange for "Panama Hattie" to be put on for Greek relief
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103 Cuba-Martinique deal: Young reports on status
1/17/41
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Allison Engineering Co.: Deliveries and shipments 1/21/41

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Deliveries by purchasers and types, 1/1/40-1/18/41
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Knudsen and HMJr discuss availability of British funds for 1956 planes (British type)
1/27/41

a) Purvis told of conversation

b) HM5r may suggest discounting English type placing orders for American types if delay continues on their delivery 1/28/41 351: 67

b) Purvis at HM5r discussed ways of paying 1/29/41 351: 225
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100 P-40 planes for China discussed in Young memo 1/27/41
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1 Engine: Studebaker Corp. asked for up-to-date report 1/29/41
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British-type orders reviewed with HMJr by Purvis 1/30/41

a) Summary of Purvis talk with Knudsen
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1/3/40

a) Rist, together with British rep. Gwatkin, will visit U.S. to discuss further

1) Postponement of visit discussed by Hull and HMJr at White House
   Judiciary reception 1/4/40

   a) FDR informed of HMJr's desire to postpone 1/5/40

   1) Copy of Bullitt message attached

b) Amn. Embassy, Paris, reports on conversation with Rist 1/8/40
* 1) Dealings with Greeks, Turks, Swiss, Belgians, etc., discussed
War Conditions
Boats (Motor):
Delivery of first ones purchased from Higgins Co.,
New Orleans, reported by Lothian to RMJr
8/9/40

291: 157

295: 146
War Conditions
Bomb Sights:
Manufacture by Sperry Co. discussed in Knox memo 8/17/40
War Conditions

Bomb Sights:

Morgan (Pres., Sperry Corp.) discusses sufficient orders from Army and Gt. Britain to make worthwhile increased set-up 9/18/40

a) Patterson consulted by HAJr

b) Tommy memo: "Possible increase in production rate of Sperry bomb sights."

307: 106
War Conditions

Bomb Sights (Sperry):

To be delivered to British "with all refinements"

9/27/40

Conf. with reps. of Sperry Corp., Army, Navy, and British Purchasing Commission

9/28/40
War Conditions

Bomb Sight (Morden):

Knox tells HMJr he is prepared to recommend to FDR that Navy share with British.

10/9/40
War Conditions
Bomb Sights:

Sperry Bomb Sight: Young report after visit to plant 10/19/40
War Conditions

Bomb Sight (Sperry):
Additional orders for British Purchasing Commission reviewed in Young memo
12/27/40
War Conditions

Bombing of Civilian Populations:
FDR's statement concerning U.S. attitude and
State Dept. comment thereon  12/14/39

229: 64
War Conditions

Bombs: preferably)

Bomb Sights (Morden): United Kingdom desirous of obtaining supply since their production is disappointingly slow 7/9/40 281: 161
War Conditions

British-French relations: See War Conditions - French-British
War Conditions

Budget:

Revised revenue estimates: Haas report of telephone conversations with advisory group members 9/18/39
War Conditions

Bulgaria:

Proclamation of state of war between Bulgaria, on the one hand, and Yugoslavia and Greece, on the other - State Dept. transmits copies 4/29/41

392: 256
War Conditions
Burma:
See War Conditions: China