MILITARY EDUCATION AND TRAINING IN CHINA

中國軍事教育與軍事

海雪遊客三百元

崇禧

行印社版出際國

水社 條約……な、一般外 岡下上(一) 協定 K 出版書 爾達合議報告…… 貿易暫行辦法: 四十 年五 十年 般外交政策 月月 卅五年三月 五. 月 上海图书馆藏书

行印社版出際國

現代陸軍軍事教育之趨勢

副 總長對 陸軍 大學教 蘵 學員 講演

和 見 徐 面 Ė • 感覺非 艮 , 各 常高 飲 學員 興 近 半年來 陳代校 長 7 徐 敎 育長 相 約 釆 校 和 各 位. 講 話

員生 ήij 鱪 見 不能 隊 前 山门 軸 也 想 誀 稈 不從 松 事教 來 中 和 比 各位 腁 9 陰常 較 教育 育的 客後 かか 欲 拒 此 H) 遊 眀 11 的 戦 戰 題 绗 目是 頙 自 强的 : 現 借 進 ďι 倍 掌部 我們是 乘 7 Œ 代 魰 過 軍 υχ 校 力 更 陸 縍 妈 0 更 我 难 須 隨 從 mj 軍. 面 畤 事 育之 戰 政治 足 的 的 趨 an 學 氼 野 勶 育 術 戰 形 世 是 文 軍 鲌 應 超 化 [ri] 他 歸 及各軍事 戦 軍 非 或 納 戰 的 Ш 胩 *4* i Z 鮗 界 若 T_{ij} 戍 衡 的 件也 敎 哟 石 的 惶 育 4: 本 學校 隊 揁 **,** 在 **i**)|| 個 恐 凡 H] 不 • 基 我 5 或 **,**分 此 終 ñ. 以 明 攻 艭 備 於 知 11 或 世界 兒 我 别 龠 搜 **,**在 玉 挕 ď 們 不 集 収 年 2 7 -大 僅是 余, ĺή) 同 逼 以 50 9 Ш 果 稨 劣 戦 備 部 盟 цı 隊 鬜 勢 技 能 採擇 漢 來 國 翩 官 形 裝 傰 政 利 作 蚁 成 Z 備 jigh 梊 我 他 軍 鳰 及學 F 訓 ii. 心 於 的 練 或 使

忰 挭 Ż 資 助 不 過 理. 因 · 手 碨 榯 代 間 的 秦 i 1, 軍 係 事 7 不 劉 育 能 詳 瀊 述 4 5 只 小 能 卌 泽 仲 供 說 谷 明 佪 幾 鼝 貼 Ė 思 以

爲立 逛 榯 代 的 赴 步 + , 在 41: 絲 鎧 史 枓 戰 剛 但 矧 Mj 戦 酣 和 術 0 道 思 不 梭 贬 亦 0 想發 在 切 防之進 Ŧ 近 變 於 堚 的 *3*1. , 但 -{-鐖 第二 戰 年 則 第 以 的 步 爭. 來 來 進 衝 ø 的 Ξ 世 現 畃 化 业 次 允 在 準 在 世 É 技 タネ 分 多年 備 衝發 的 在 不 浴 大 界 大 妣 榯 新 ΨV 朔 戰 達 界 的 進 戦 41 科 爭 步 是 史 縢 學戰 ĮΨ 9 楚 有 0 寉 加 所 期 Ť 育 破 的 比 速 以 謂 的 [4] 崙 世 度 比 較 1 Œ 貸 的 界 較 透其 7 象 施 $+\hat{x}$ nζ 풲 酸 9 2 9 並 **注** Ħ 紌 : 珥 , Ħ. ゥ 選 什 故 可 不 演變之 知 的 ٦ 足 骮 以 的 齿 按 以 林 看等速 戦 衝 軍 術 歌 變 隊 窜 + H^{\prime} 速 3 9 發 近 度的 纹 年 是 閃 Ш 9 育 m 科 電動 運 非 之 料 學 9 О Ü. Stano A 尤其是 試 侳 變 的 H'1 想 劣 19 戰 産 前生 継 L 、所 即 有 爭 9 及 ü 突進 п 史 9 TS. 0 9 44 頹 進 以 서 鹇 ÷ ją H_{\parallel} 沈 來 鄭 Ħ 些 地 H'雃 地 口 法 把三 共 脋 在 Ιi. ηſ 干多 戦 在 的 變 , 說 當 HENE] 百 進 拿 Н 9 Η 力 年 時 华 化 都 破 75 П Ż 也 崙 來 的 문. 在 j. 科 許 强 的 14 歴 戦 技 煶 衝 mo 科 H

被 却 Ÿ. **(**rij 等不 屻 有許 先 则 事 各 把 都; 物 然 握 不 不 不 因 能 相 マ鞭 , 爲 同 如 0 變 的 果 碘 的 Ł., 刖 原 9 阘 梍 所 刔 兵 毛 以 能 的 嵛 廿 有 佣 有鐵 澠 宋 新 约 用 有 不 腁 道 舊 求 瀢 可 H 勝 的 .9 以 衐 利 原 進 则 必 则 然 賠 例 胼 奥 洏 用 求 有 伽 傘 原 進 的 友 W) 酸 則 史 手 步 Ħ. 崙 段 沒 ŀ. , 0 籾 新 n in 和 有 以 髌 新 方 的 蟍 飛 推 1 H'季 中 和 形 符 9 9 漏 则 的 鮈 潍 酮 * 步 被 郲 , μĵ 肵 崙 常 的 . V. 用 以 然 4: 的 來 利 的 變 . Fi 克 髰 111 腻 舭 pl. ÷ 1 1 2 , 灲 並 11. $\lim_{t\to\infty}$ 行 和 Д. 的 [1]T. 牚 的 畚 和 和 厂 車 滌 到 苳 Œ 9 467 挛 ŧũ Æί $\mathcal{R}_{\mathcal{L}}$ 艇 , N 迫力 但 梣 \mathbb{R}^{n} 枂 瀕 94 ŧ. 2 [n] 7 的 Ы́. 台 的 法 枈

造 成 ľ 班, 儢 įΨſ \mathbf{h}' 俞 僋 腴 完 成 ï 嚣 麡 利 2 ĺŃĵ Щ. 枟 林 和 姚 剛 1 能 挽 п 法 찬. 忿 命

ÝΕ 戼 郀 和 具 以 倜 决 城 芩 定 此 戦 使 次 新 家 批 幾 隊 娗 的 赶 湍 E 戰 用 , 的 兜 間 え éhi 史 人 全 俠 魚 技 7 j 僾 央 倇 X. 到 醍 茂 戄 的 Þ. 爲 敊 $k_{\frac{-1}{2}}$ *f*: 龙 例 hi s 龙 7 , ਣ IJj -T 浩 原 0 萬 不 Ψų. 有 鍖 珽 胨 Ľ٦ 在 ĦĹ 沸 盤 枚 便 莰 技 時 ¢ 器 火 小 舉 11 衝 jī. 赴 F 器 · 和 植 牼 科 的 ---成為 的火 \mathbf{E}_{i} 威 爽 般 和 技 カ Η'n 之 光 畤 器 和身 術 娺 學. 失 科 代 栗 大 桿 學 ŀ, 的 り使 ŦŅĮ. 觙 9 的 蚁 31 11 変 進 戦 棐 13 , 19] 虺 mj Ź 爭 Ħ, ņ 9 是 4 19 膨 科

顈 戰 刨 决 如 不 俞 13 ğ.). 有 採 於 施合运搬 B^{ij} įįi 4. 松 ᢔ 9 1 10 步 的 馴 初 備 戰 術 Øý. 隧 剂 育 SEL. 科 1-4 $I_{\widetilde{F}}$ -11 代 Ų. Ď, ВÚ 裝 備不 뇛 進 H', 能 戦 'nΪ 發揮 슀 徘 我 o 尤 共 們 共 威 luic. 在返 貧 リ Ħ 5 技 戰 蔌 新 術 鸻 台勺 也 Ħ 奖 **不** 新 備 濊 2 慧: 唌 夘 休 Ù Н

뇃 飹 的 演 'nί 事 我 們 雁 取 *i*2: 於 惧 界 ji. ル Ŋ, 承 的 5 _ 定 很 ジェ ME. 灱

利 独 育 H'? żή 决 也 文(兙 政 倜 ੰ 烕 的 74 助 化 弮 所 讇 前 館 全 1 的 辫 决 锴 性 弾 的 切 戰 宑 臫 台 绀 0 班 傼 育 軍 Jb 骐. 热 的 Бij. カ 30 的 収

(一) 政治的條件

代 譤 於世界各戰 到 第 例 治與 自太 Ħ 成 一次世 萬 (i^i) 譮 欗 迚 充 與 功 平洋戰 分 完 與軍 ŀ. 軍 兩 福 0 將政治 事不 德 全是 Ŧ 貢 9 ш 湯 事 界 此 **1**. 0 华爆 솟 相 柑 쎋 奴 Ĥ 加 配合 唨 役 譋 大 但 國 可與之生 熋 胩 戰 政治條 萬的 戰 废 合 的身 **,**軍 談不 **,**政 ΩH ıļι 礁 , , , 美 常 决 美 沉 Ķ *; 備 更 事叙 蚁 難 ŀ W. 譗 , П , 在 兵 以 刺 Ż 政 的 ΉĴ " 和 . Mil ń 於軍事 蓛 治 不 瓣 參 縦 μV 到 拱 與 過二 意識 短 數 制 Ż 戦 趿 然 Ħ 他有景 廋 期 的 衍 的 死 的 物資 敎 組 , 9 , 禹 車 會 ittj ଳ 育 致 隊 高 九 支 先 訓 空軍 偉大 6 的軍 。 但 政 不 援 뷙 便 練 聯 酁 一個 動員 的政治 隊 能 不 澈 9 危 應 [ii]不 在第 迅 瓜 會 和: 同 圳 不 0 速 到 ck. ťά 畝 在 變 Ш • 動 ИЦ 近代 事 家 伹 革 克 Tiple Tiple 的 次 員 百萬 継 勞 9 祀 11 美 以 原 业 合 政 更表 (K) 3 斯 ĽŁ 则 則 干 界 平 iti ä'n 維 人 脶 弋 0 此 ---時是 興車 現得 孫 的 總 組 大 慈在 原 -j. 百 狁 戰 人 統 則 次大戰 水 旌 Ϊĺ. 中 在 ,乃是 力 與 4 眀 --十萬 龤 寅 能 終 財 桝 Ħί 顯 導 够配 干 Ĥ 多 事 惠 力 0 前 蘇 多 Ħ 年 十分 人 失 9 相 , 常備 配合是 假 年 合 败 聯在 的 火 , 以 iii. 前 **,** 所 如 使 Æ • 迨 以 , 果 兵 美 前 確 不 動 帝 也 넶 無こ 政 붓 國个 以紅 十月 俄 說 說 滇 的 不 征: 空 沙皇 渦 疳 遒 到 革 ĝ 民 飫 海 纹 軍 灰 件 的 --諣 命 統 的 水 ٥ Ή 不 美 建 列 治 戰 道 θ' 事 政 胶 售 治 36 爭 分 脐 威

二) 經濟的條件

戰 爭 所 謂 9 是科 塆 Ņ. 的 的戰爭 條 件 是 也可 掮 技 說是 術 水 經濟 潍 和 的 生 戰 爭 力 ΜŰ 切 層 Т. 業 濼 基 普 礎 條 件 7 科 對 學 於 技 軍 何 奪 都 敎 以 育 終 的 ΰŤ 關 爲 鯀 轉 , 椮 非 常 ٥ 那 重 個 w. 渱

肓 譋 蚁 强 冼 有 腶 大 又 H^{\prime} 軍 的 W 利! Mi FI 科 平 絕 學技 居 Ħ 洋 大 絕 産 决 進 的 2 勔 戰 威 英 件: 鈩 化 戰 耄} 犯 力 精 徘 劣 部 邹 美 涿 釬 量 カ 収 員 猕 的 鰰 勢 隊 쒜 仞 97 щ 决 絕 威 $\cdot \eta$ 9 定 如 期 協 不 在 也 不 以 切 В ۰ 此 生 是 H πĚ 爲 肶 楠 此 m) β'nſ 助 , 9 次 産 次德 劣 無 壯 終 確 [23] 腡 德 世 H 我 , 變而 戊氢 锋 逝 物 クリ 島 保 雅 界 軍 潰 按 爽 澬 陇 件 较 機 餇 奺 憑 製 大 力 大 擊珍 磃 猴 提. 海 的 的 EP. * 戰 牲 敗 , 2 觐 勢 磁 熈 訚 我 Ø'n 蓌 權 初 0 0 便 图 珠 欆 不 島 本 蚁 懰 能 技 敗 貢 賙 揮 , 游 傠 彈 來 准 被 能 其 操 和 衡 9 9 疏 日寇 新 挽 蘇 Ź. 化 Ė 华 德 綜 勝 PA. 自 水 加 荻 华 球 軍 聯 部 E 爭 台 利 17 國 島諸 坡 派 認 的 其心 農 終 隊 繿 機 力量 早 的 , 陸 能 $\{j\}$ 强 た 戰 濄 弛 是 Ϋ́ 敗 <u>fi</u>1. Æ 化 町 大 0 役 肠 火 去 合 生. 的 以 灰 椶 室 攻 悲. 員 產 中 並 以 庞 械 9 玻 後 不 林 下 圱 慘 腔 9 力量 ١ 的 今 在 有 茣 命 車 桥 生 固 量 끍) 9 戰 德 美 天 逛 鮗 抄 隊 砌 產 斯 不 須 鈩 ---是 斸 図 船 威 科 冗 量 量 纫 及 , 使 改 不 火 Ż 成殲 嫁 纷 兵 德 所 進 用 又 俸 T. \overline{n} F 器 カ 業 訓 整 輆 結 懫 문 威 灼 盟 败 果 库 $\dot{\mathcal{P}}$ 精 敐 師 , Н 矜 訲. 主 锟 精 蚁 度. 不 珳 政 戦 浀 龙 團 裝 更 不 灰 9 朥 埆 然 尤 備 的 加 佔 的 及 ٦ 犐 Ŧ 衕 全 夾 時 物 以 加 戦 ήį Į. 斞 絶 9 僦 9 員 此 , 代 質 對 果 美 저 嫇 肥 在 ţţ, 經 + 戦 宏 僾 蘇 l., 不 巡 器 습 蓢 o, 濟 • ø 道 死 勞 Ĥ 在 車 主 芽 蘇 按 衞 繧 孂 μſ 飛機込 的 更 於 從 2 분 畤 ✨ , 大 術 餰 ᆫ ---Z. 行 卒 天 Æι 的 期 原 不 , ij ili 兵 車 子 ДĦ 护 生 ij: 科 及 個 所 有 ці 3 彈 學 цı 美 齑 $\tilde{\beta}_2$ 25 坍 以 近 全 9 9 作 有 腳 德 徳 17 戦 ¥ 世 技 2 要 艘 鄖 X H'合 便 或 ٦ 伙 泉 肵 明 鈩 狮 有 作 能 良 幯 的 以 件 中

o

$\widehat{\Xi}$ 文 化 的 條

ŃΫ 餱 伴 ĽĮ. 尸 族原 史 的鄉 統 **,**足 族 糈 胂 的 答 , 衂 民 生 活 的 方式 , 或 民 敎 育 的 热 礎 鹞 0 狠 蚁 43

桀 4 扈 的 壯 識 積 此 365 9 海 1, 殊 次 不 不 源 德 從 戈 够 墜 尙 命 9 蘇 事 遍 Ŷ 仃 軍 是 戰 於 都 中 拊 , N. 國 ήτή 歴 莫 綳 爭 新 曾 史 烎 以 Ÿ 及. 文 美 菜 總 屮 所 化 或 以 毭 刌 火 9 育 9 Ħ 徳 等 能 纏 的 爲 族 沒 뒒 於 ϵ_i 亀 辄 敎 够 44 以 例 殼 政 育 以 貫 防 逑 爲 ŻΠ 美 挑 育 [i']抗 34) 二 終 組 也 缚 水 逃 ٥ 個 能 微 粇 杂 撘 ijψ. 的 兓 ປ 月 杣 Φ. 戰 糈 ぅ 敎 37, 當 烻 戰 肵 胨 肵 ijilit 强 比 73 п $\langle \theta \rangle$ 틧 大 武义 攻 的 灰 施 不 Н 的 椞 動 臭 紅 蒷 分 \dot{x} ήšį 敎 砚 , 4 坜 Ż 迅 軍 'n. 民 16. 長 77 衆 科 ηij έi 7 軸 ٠ Ŀ 興 賃 組 中 缚 , 篮 常 ٧J 是 戰 訓 英 俄时 在 B) 秛 徴 滔 役 胃 鄃 9 是估 百 糆 然 兵 生. Ý. 的 條件 16 分 多是 , ſήij 之 J. 以 量 鍖 Ż. 來 射 龣 在 ورخ 隊 不具 9 鸮 文 蜐 9 $\eta^{\mathcal{F}}$ 的 -}-大 ${\bf v}_{i}$ 『不敦民 化 ſĠĴ 絕 戦門 銷 備 ٠ŀ. 和 单 少自 Ťī, 誤 逝 * ήď , 0 知 力 4 覺 我 國 信 0 7 前用 民文化 柏 於 我 + 赶 Ė 10 目 比 蘇 們 [i]er) 37. 勯 小職 民,謂之殃民。 聯 Þ. 灹 服 鄕 和 蚁 蹇 美 敎 八半 9 -|-颰 兵 1. 實 曾 育 役 的 旗 月 圏 -珳 声 低 賴 的 驻 지정 天 i e 基 洛 務 命 級 湖 떲 成 4 的 9 0 Ż 民 政 功 域 9 育 زازر 时 鰴 治 比 追

別 育 始 译 以 幹 澣 此 的 髓 低 感 哥 來 暫 继 堩 敎 γib \mathcal{J}_{α} 通 傷 伮 育 敎 刑 隊 科 育 寉 巾打 #1 揮 鄥 Ρj 充 佼 肵 敖 的 的 24 有 斃 灰 頄 甃 成 事 疛 浴 败 初 敎 EΈ 敎 年. 效 很 9 育 備 ΪĴ 育 藩 137 堀, 烜 (i') 瓷 偰 軍 促 共 셨 戰 成 Щ. 分 톋 初 賀 13 酥 Œ. 欷 祭 要 校 幹 M 99 於 芯 反 Ò 反 濷 暺 基 历史 当 使 73. 塡 禹 Ш 或 育 器 器 渎 n₹ 民 材 f_{L} 饭 育 diz. 敎 -T $\eta \eta$ -自 个背 育 通教 Ų ٨ 酸 į, 將 7 9 揻 275 及 钗 育 狡 $\mathbb{E}_{\mathcal{A}}$ 容 成 カ 不 育 11)] Ā 劔 南 'n 不 绝 雛 赵 因 嬓 繖 失 44 例 捌 沒久 ļ٨ ili ŀŀ 糈 1-31 1-4 全 퇣 育 嵌 サᡛ 業 3 綊 . 7 陆 ſľij 酼 縮 木 9 能 <u> 191</u> 限 竹 鑾 在 领 , 注 艨 ٨ 新 ΥIJ 論 兵敎 Дi, Д), 釜 招 到 --令 相 年. 生. 校 成 育心 嶌 琿 决 鉄 嵇 攻 政 水 艞 Ŋ N ψ. 須 軞 9 從 省 育 刨 琨 収 7 影 膱 狁 的 的 椠 鋫 紥 字 買 軍 敎 9

育

軍 爲 長 育 成 侔 분 敎 奖 育 , 12 今 -12 -12 的 ij 我 足 們 法 充 的 期 T. 建 育 軍 彴 敎 贵 育 面 泪 情 償 變 之 把 败 讉 Ē 敦 材 育 9 净 水 準 原 收 有 曹 加 ---遍 强 涯 挫 |-兤 4人 Η, =13 戮 倜 胩 效 , 果使總 42 與隊 9 育 來車縮的 事 減 提 為難 高 敎 育 -於 fi. TID H. 個 素 肓 柑 βĮ 配 質 [1] 家 合 噸 0 2 9 О ίΪ 並 MI 的 學 45

膠 紥 的 榧 的 需: Ť 慗 趨 决 ĵ 4 MI. 哭 倁 勢 於 於 羉 過 各 更 2 쿳 **ペ**ラ 第 的 鐱 道 隹 4 這 抄 訓 _ 糠 採 次 忧 無 :11 種 줴 修 應 歌 來 Ż. 歐 lij 涯 我 效 訂 育 的 德 戰 周 逡 -法 2 到 育 槍 國 必 55 Ή 在 固 器器 注: 闸 須 的 不 年 霊 勻 和 卽 應 坄 徭 操 有 淌 右 쇔 約 籿 術 我 問 獨 有 盾 典 Ą 僾 媥 Ш 科 們 ΤŢ. 題 槍 初 . 3 各 的 -84 僴 填 Æ 的 禐 灰 庞、 7 心影 È Ħ 裼 沱 科 形 是 常 的 Ė, 光 邸 稍 適 採 桷 粫 國 大 0 H 川 軍 的 我 , 怠 艮 加 本 後 先 的 或 叉 可 過 决 在 傪 方 33 14 崳 ii2 備 2 胀 民 復 Fi 面 Ji. 有 决 人 廵 0 1 汉 件 左 앥 國 144 , 創 N 飞方 不 係 世 戦 -9 美 \mathcal{L}_{p}^{2} 噿 猎 П 槍爭凱 採 近一 戭 美 敎 #II 分 12. 湿 乃操軍門 於 Ш 中央 9 4 育 膌 Ť 獨 美 9 小 瓶 典訓年 完 Ī 備 Ú. 众 敎 9 站 綸 . 📞 中部以全 F 性 育 漁 $\neg y$ 欸 q. 本 海 採 是 7 义. 前 的 國 育 短 講 的 僾 將 頒 無 戰 -敎 収 界. 優 設 期解 點 溢、 勝 强 任 育 谷 13 前 Π_{Γ} 的 儒 間 , 0 軍何 - <u>M</u> j 頹 的 dili 懶 示 篙 年 L = A 11] 9 11th -废 各 的 與 他 軍 $\| \|_{L^2(\Omega)}$ 松 有 ी 種 代 和! 施兵盲 义 抉 ŧΙţ 訓 胤 器 方 今 科 從 改 的 Ż 擇 9 T. 廵 髧 嗧 i di , 阊 法 譋 用 虚 籔 操 石 É 材 1/4 13 心程典殊日 當 需 度 勔 數 軍 弹 ? 0 婴 112 詳 多 不 本 , 採 訓 μJ 美 官 測 H 法 决 採 密 华 知 操 以 ᆟ Ϋĥ 部 的 兵 r in 戰 不 典 4 是 檢 711 Y 攻 次 和 1 9 • 爭可 灵 抄 篆 長玉不 討 9 檢 刈 件 極 **T** 生 或 拠 北 , 僅 及 * 本 游 德 右 문 谷 勯 奓 0 Ĭάi 1 蚁 或 的 9 犮 澹 典 93

槟

以 後 印 滅 如 例 大 ,沒有識 同 此 , 史 總之我 的 , 發揮其綜 , 必致 迪 戰 滅 練 時 們研究 亦須 將軍 Æ. 虛 處 審友 於 心 槍 合力量才可以勝利 約本席講 如 9 故歩自封 軍 林 此 軍學的態度 彈 所 雨音響嘈雜環 評, 以建 ,必致 當 當 識 旣不 時會 應 睛 雁 ßH. 0 我 境 對 提 觀 μJ 於昆明 國度 ф 妄 出 他 進 自 們 暈 假 硇 菲 **近兩種** 附 衡 伙 薄 Ġ. 兵 將 近的 標 射 兒 準 IJ 噄 更 令 \bar{Z}_{i} 心 , 不能妄自尊 $\overline{}$ ٠ 車基 誤聽 以 理 對 都是不 公尺換算施 目 漏 地 .3 標 趾 , 爲 擨 大 滩 '---ij JE: 近 零 趙 F 代 確 9 時 妄自 鎁 行,都經美方採納 一字,將六千變寫 П 的 利 令 ÷jr 用 非薄 在 隇 實施學學 T) ~1 , 六 場 便喪失 名零 Ŀ. 문 協 零 Ż. 六 。此不 信 $i\alpha_j$ 須 Ē, 百 痶 r) S 各 9 죔 兵 平 鈫 • 過 屨 安自 榯 距

其次 將今後發成教育學制的改革 9 興建 非職業軍 官 制 度 職業軍· 士: 制 度 , 槪 峪 說 明 蹩 炶

(一)養成教育學制改革問題

텣 犐 同 備 軍 校 時 學 受 完 車校 長 校 校 近 戰爭在 各 戍 9 在軍 學 修 車 教育設 新 采期 兵 訓 期 科 兵 部會召集各校教育負責主官 長為 戰 隊服務至 敎 閒 的 備 綜 場 育 屷 上是 合 定 Ξ 武, 0 年 畢業 器 Ų. 教育 畢業學生按其 安發揮 相當時 長為 器材 不 쩼 答: 分 年半或三年 間 求 加 兵 充 兵 滐 再 種 科 其 贋 志 令人 的 普 頠 9 凡 開會 使教 及 通 是 兵 科 科學校 步 科 育 學 衕 以各 更嫁 ĝί 需 <u>.</u> † , 垂 要 , 兵科 補 Œ 分 决 專 一定 豞 砲 定 在 訓 兵 安各 綜 科 澇 事. 緞 ^ 9 合教 进 室部 Ė 畢業 Ľ 的 兵 の成升 要求 登 9 育 隊入 頹 輺 後 成 꽖 按 重 私人 , ? 泻 兵科 使 虭 育 伍 其 協 陸 半 Ė 通 瓷 鄽 要常服 車 成 分 信 年 뛔 山 大學 發部 軍 完 改 70 現 成 V 鎁 収 即使将 在 雙 車兵科 期能發成完全兵 隊 精 爲 級 • 見 鰰 單 敎 加 切協 育 蚍 都 紀 74 堋 制 敎 應 律 , 育 然 (ri) 潚 輪 容 流 生 後 後 將 易 科 E 蒼 埲 卽 飓 將 軍 决 學 H:

此次大戰後蘇聯更設有蘇瓦洛夫幼年陸軍學校, 移兵科便利。 年以後才能發成。他們認為道才是蘇聯紅軍真 業軍官制度未 質施具體方案, 確立及健全以前,過 正在研討中 배 間仍 感 Æ 需 收 飏 現 1 此 婴 16 四歲學 預 的 o 我 備 幹 們 騨. 部 生施 看 校 Ħ 以 Ž 衐 各特 七 的 年長 33種 見 兵科 41) 尙 整成 認 都 爲 勢. 普設 不 育 簥 有 設 , Ŵ. f_j 頂 計 年 不 九 狡 尴 Ħ. Æ

(二)建立非職業軍官制度

席於民國二 語三百萬乃至四百萬人 的 種條件 未完全具備 國全國人口計一 國在第一次世界大戰時,能迅速的動員四百萬 ,以二百萬人在後方訓練。此次大戰中美國陸 幹部 有 卽 四萬萬五千萬人 備幹 ,多深不 **上年會提出** 部,我們的頻望是高 時山普通學校實施嚴格軍訓儲 萬萬二千七百 涂萬人 9 > 這種幹部的來源全類乎 口號是要建到 ; 未收顯著成 假使 一旦要動員三千 效 ф 畢業學生養 寓將於學 ,戰時能 今後爲水 **志願** 動員 備的 胩 海公軍動員 成 À, 强 訓 ル 澒 , , 近幾年 練 兵 實 如 Ħį 備 4 備軍 儲 , 施 此 鮔 Щ 備 强 Ŧ. 以二百萬由潘興將軍 - <u>|-</u> 來軍訓 官 華, 大的 其 **遠一于一百** ဂ 具 因 5 專 人 單時 臘 此 兵員 科 送務 建立 方案 其 以 召集施! Ŀ. 所 實 非 因 颐 'n. 繻 十萬人 在是子 職 爲 幹 Œ 校 畢 業 以短 Ħ 制 部 重 24i 軍 废 菜 以 ッ 所需 政軍 榯 官 们 -⊦-期 學 開赴 iii櫏 敎 4 悔 生. Ż. 訓 施 授 度 育 飬 敎 漢 <u>্</u>ব 百 軍 歐 成 **高以上的大** 育三 萬 當 譋 頂 經 重 派 備 費 比 的 部 腶 姎 成 軍 例 役 殼 商 效 官 便

(三)建立職業軍士制度

的 彪 則 重 外 ĹŠ 能 繎 IIt. 軍士 軍 共 於 , i. 軍 尶 還 訓 , 須 賱 9 0 爲 部 培 1/2 現 H 倜 軍 繑 χŽ 苍 何 緍 謀 隊 部 戰 劉 Ħ 伽 中的 軍 隊 軍 13 屻 1: τţι 軍 關 方 骨 jl. 帕尔 的 的 官 係 幹 焐 軍 鑫 근 0 成 + 飬 惟 我 希 散 設 在: 9 邚 蚁 皇能 Ħ 現在 僧 燳 兵 有 早 與 線 #F 兵 够 有 變成 是 坂 役 促成 幾 法 軍 的 散 教導 歐 此 兵茲 向 復 行 軍委 階 退役 兵 \mathfrak{M} RΠ 級 9 當 襺 一會經職 想的早日 的 校 則軍隊 軍士 日俄戰 兵 暴業的 íí'·J 來順是 日質 殼 • 特 F V^{\prime} 胍 涯 現 綊 ijί, 別 扩 無問 り便 -]-重 巷 -[: 火火 斞 有 礎 變 ŧχ 校或軍士教導 級 題 琙 術 9 訓 Ŀ 科 軍二力增 93 練優秀 博士之 Æ 頡 • 敎 射 'n 育訓 擊指 的 稍 來源 强 的 趣 揮 職 練 ゥ ,

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MILITARY EDUCATION AND TRAINING IN CHINA

By General Pai Ts'ung Hsi, Vice-Chief of Staff and

Minister of Military Training.

1 Edition, April, 1946. UNC \$ 300.00. Abroad U.S. \$ 0.30.

EDITOR'S NOTE

This volume consists of a lecture on military education by General Pai Ts'ung-hsi, (usually romanized as Pai Chung-hsi) Vice-Chief of Staff and concurrently Minister of Military Training and will form one of the miniature monographs of the Chinese Government Organs and their working.

General Pai, whose courtesy name is Chien-sheng, is a native of Kuangsi. Graduated from Paoting Military Academy in 1916, he has been Commander, 13th Army. During the northern expedition, he, as the Advance Commander of the Eastern Route Army, was the first to arrive Shanghpi and became the Garrison Commander of Shanghai-Woosung Area in 1927. Later in 1937, he was promoted to Vice Commander-in-Chief of the 5the Route Army. He has been Vice-Chief of Staff since 1937, and Minister of Military Training Board, National Military Council, since 1938. He is also a Member in the Gentral Executive Committee of Kuomintang.

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TRENDS IN MODERN MILITARY EDUCATION

(Lecture delivered at the Military College)

by General Pri Ts'ung-hsi

Vice-Chicef of the General Staff

During the past six months, I have been invited repeatedly by Acting President Chen and Dean Hsu to have a talk with you, and I feel greatly enthusiastic over this opportunity to meet you all.

The subject I propose to take up to-day is: Modern Tendencies in Army Education. The Military Training Board was established in Hankow in 1938. In the intervening years since then, this country was engaged in war. We have been fighting the war of resistance on one hand carrying out war time education on the other. Our Army is not only inferior in equipment, but in the matter of education, it is also backward. Since I assume in a concurrent capacity as Minister of the Military Training Board, I at once realised that my responsibilities were extraordinarily heavy, and I could not but feel a sense of anxiety. I was fully aware that with our Army badly equipped and inadequately trained pitched against a stubborn enemy with modern equipment, and at the same time with all political, economic, and cultural facilities not fully developed, we could not but redouble our efforts in the education and training of our troops under the circumstances.

At the same time, with the lessons learned from the progress of the Second World War, we began to collect extensively all relevant material relating to military education, from both our Allies and the Axis nations, to serve as reference for our own efforts. In addition, practical conditions existing in our own Army, as well as some of my personal views on the subject,

were also given due consideration in submitting my plans for for the adoption of the higher authorities.

During the course of the eight years of the war of resistance, I have utilised opportunities afforded by reviews of troops, inspection of various war zones and front line forces, and visits to various military academies, in talking to our officers and men, as well as the staffs and students of the academies, on the material and views to which I referred above, in order to enable them to understand modern tendenices in military education in the progressive nations of the world. The saying has it: "The may adopt the good points of another people to make good our defects, and to profit by the experiences of another people to augment our shortcomings. Knowledge exceeds the bounds of State considerations. The good points in military knowledge and technique exhibited in the course of the current world war, both by our own Allies and by our enemy, the Axis nations, must all be carefully weighed in the light of their intrinsic values, and selection made of them to serve as reference in the promotion of our own military educatio

After a long period of tedious struggle, the troops of the Alfied nations finally won victory in this war, As I look into the future of military reconstruction, I feel that the building of a strong Army must be based on military education. I have accordingly brought together, and undertaken the necessary revisions in, the contents of the numerous lectures on military education I have made in recent years, as well as other relevant material collected, and compiled therefrom a Handbook on the Modern Trends in Military Education, to serve as reference matter for my colleagues of all ranks, and to be of aid in the promotion of military education in this country. Owing to limitations of time, I am unable to go into the subject fully here today, and I can only refer to a few important points.

We all know that education is the preparation for war, while war is the application of education. The quality of the education of an army will thus determine the strength of its fighting power.

This is an immutable truth. The world today is a scientific world; modern warfare is scientific warfare. Because of the approach warfare is also continuously being improved. Napoleon said: "Military strategy changes every ten years." This might be true in his time. But human progress is pursuing the course of geometrical, not arithmetical, progression. By a comparison of the first 5,000 years of world history with the history of modern scientific progress in the past three centuries, the extent of scientific advancement in modern times will be easily gauged. By a further comparison of the history of scientific dovelopment during the past three centuries with the technical progress registered during the last five decades, the extraordinary speed with which recent technical progress has been advancing will also be readily understood.

In Napoleon's time, military strategy changed once every ten years. But during the four years of the World War I, military tactics underwent changes from the battle of flanks to the battle of fronts, from fighting on horizontal levels to fighting in perpendicular dimensions. In World War II, furthermore, there have been evolved such strategies as "immersion battles", "forestry battles", and "blitzkriegs". All these evolutions indicate that with the progress of technical knowledge, military tactics also advanced, fully testifying to the real conditions of scientific warfare. The speed with which changes have been effected is sometimes beyond imagination. We may indeed say that changes are effected daily, effected momentarily.

Because everything undergoes change, we have the new and the old; the progressive and the backward. New and pregressive things must win over old and backward one's. The principle necessarily holds true in military affairs. If the objective of fighting is to win victory, then progress must be sought, and the new and the progressive must be employed to defeat the old and the backward. There are of course certain immutable principles in strategy, but the methods and means for the application of such principles undergo changes constantly and more rapidly with the advent of

modern times. The ability to adapt ourselves to "changes" in methods is necessary for the successful application of the "unchanging" principles.

As an example, let us look into the famous "concentrations" in military history: Napoleons's concentration, Motke's concentration, and keitel's concentration, all of which were different in the methods employed. Motke could use railways, but Napoleon could not; Keitel could use vehicles on mountainous terrain, both Motke and Napoleon could not. Again, the principles of ffensive defense employed by Weygand and Gamelin were identically the same as those employed by Joffre and Foch. But Joffre created the miracle of the Marne, and Foch accomplished the victory of the Allies, whereas Gamelin and Weygand could not save France from her tragic fate.

Implements of warfare are determined by tools of production, while fighting technique is determined by production technique. With the scientific progress of military and general technique, tactics is continuously undergoing changes and improvement. New weapons and new fighting branches continously pour into the Armies, so that original weapons and branches are either abandoned or paled into insignificance. From the Prusso-French War to the current world war, changes in tactics arising out of technical progress have been innumerable. Inventions in the fields of electricity and light, and the use of the steam engine and the internal combustion engine, have shortened time and space by tens, hundreds, thousands and tens of thousands of times. The power and range of artillery fire have greatly diminished the effectiveness of the cavalry. The coordination of trench construction and artillery pieces have rendered difficult the successful attacks of light-armed infantrymen. The tank has robbed the small calibre field pieces of their prowess. The employment of heavy bombs and parachutists by the Air Force has minimised the value of fortresses. The present age is a scientific one. Modern warfare is scientific warfare. The whole army has been practically technicalised.

We fully realise that we must adopt the progressive equipment

of the Powers, and we must study their new tactics. Especially at a time like the present when technique improves each day, and military tactics changes each day, we cannot relax in our efforts, but keep up with the progress of the times. But even if we possess the newest of equipment and have studied the newest tactical methods, if we are not in possession of the necessary education that is in keeping with the new equipment and new tactics, then our equipment will not be able to manifest its its prowess, and the tactics we have studied will only be armchair strategy.

In keeping with the evolution and reformation of technique and military tactics, we have also a lot to learn from the progressive countries in the matter of military education. Only by so doing may our technique and tactics be modernised.

We must moreover understand that modern warfare is a full-scale combat into which is to be thrown the nation's entire strength. In what is called total warfare, only military strength will not win victory. The complete mobilisation of a nation's political, economic and cultural resources will only settle a war. As military education is the central theme in military development, its successful undertaking must be preceded by its close coordination with the political, economic and cultural policies of the country.

POLITICAL CONDITIONS

That politics coordinates with military affairs and statesmanship is in line with military strategy, is an immutaable principle. More than 200 years ago, the Chinese strategist Sun Pin said: "The rule of virtue implies the that there must be agreement between the Government and the people. The latter will then be prepared to live and to die with the State, and will not be afraid of any danger." A hundred years ago, Carlowitz also said "War is the continuation of politics." The effects of political conditions on military education have however, become all the more marked in recent times. In Tsarist Russia, all the people were treated as slaves, and they had no political consciousness to

speak of. Tsarist armies eventually met defeat in World War I. With the October Revolution and Lenin's ascendancy to power, the political system, military education, and military training were drastically reformed, and coordination achieved between political and military policies so that the building of the Red Army was successfully accomplished. With reference to military reconstruction in Germany and Japan, though the political organisation in these two countries were different from that of Russia, nevertheless the achievement of coordination between political and military policies was also effected in the same way.

The United States has a population of 127,000,000. Even with the leadership of the late President Roosevelt, lofty and farsighted political leader as he was, if the American people had not been fully imbibed with a proper political consciousness, that country's participation in the present war would not have been so smoothly effected. Her Congress might not have approved the mobilisation of such huge manpower and economic resources, and the despatch of such large numbers of her men of the various Services to participate in the various battle fronts, and to give such large quantities of material aid to the Allies. The United States is a nation where freedom is most respected, and where conscription is not in force. During World War I, her normal Army was only 200,000 strong, but she mobilised a force of 4,000,000. During the current world war, her normal Army was also less than 1,000,000, but with the outbreak of the Pacific War, the United States mobilised within the shortest time possible, a force of 11,500,000. Had her political conditions been inadequate to cope with the situation, and had coordination been lacking between her political and military policies, she could not have achieved the objective. The principle of the coordination between political and military policies is thus a most correct one.

ECONOMIC CONDITIONS

In speaking of economic conditions, I refer to the technical standards and the production capacity of a nation. The bearing of economic conditions on military education is very great. Modern warfare is scientific warfare; it is also economic warfare. Upon economic conditions depend all industrial foundations and scientific technique. Whichever country that possesses a high standard of scientific technique and a great production capacity will be assured of victory. Modern warfare requires not only quality, but also quantity, in the Army. For this reason, there must be a General Mobilisation, all manpower and material resources must be fully mobilised to manifest their combined prowess. The fighting services must of course be numerous of high quality, but they must be supplemented by high-degree production technique and a large production capacity.

During the first stage of the current war, Germany with her strong and large mechanised forces engaged in "blitzkrieg" tactics, carried all before them and astounded the whole world. In the Germano-Russian engagements, it was thought that the German Army, with its superior mechanised forces, would capture Moscow. The result was otherwise, because Soveit Russia, too, possessed modern equipment, and obtained the assistance of the Anglo-Americans. In the production of airplanes and that of mechancial equipment for the land forces Germany could not rival Great Britain, the United States, and Soviet Russia put together, and as a result, Germany's air forces and mechanised forces were overwhelmed through inferiority. The Soviet forces eventually succeeded in the completion on their "annihilation" war at Stalingrad. As to the Navy, Germany occupied a position of absolute inferiority compared with Great Britain and the United States. Germany has now admitted her defeat to be due to the fact that her production capacity was inferior compared with the Allies, and that her scientific technique was inferior compared with the United States.

Again, in the first stage of the Pacific War the Japanese aggressors scored victories in their attacks on Pearl Harbour and Singapore. But immediately, United States arms production and airplane production increased greatly, and was able to subdue the Japanese, assume air superiority and maintain control over the seas. Close coordination was effected between the naval and

air forces, while the Army possessed equipment absolutely superior to the Japanese. The joint operation by America's land, sea and air forces manifested the greatest of prowess and brought about the collapse of the Japanese. As a matter of fact, Japan's Army was not inferior to that of Germany, and added to it was the Bushido spirit of its men who were prepared to die freely in battle. In the Atoll, Iwojima and Okinawa engagements, indeed, whole companies, regiments and divisions fought themselves to death, while in the Japanese Air Force there were the "Kamaikaze" and "dare to die" units. But even such a heroic spirit of sacrifice sould not save the Japanese from the tragic fate of certain defeat. In modern scientific warfare, the possibility of victory of spirit over matter is attended by conditions, and is not unconditional. The age of "human bullets" is past, now is a time for the manifestation of the prowess of "artillery fire". The invention of the atomic bomb has all the more confirmed the truth that production technique determ nes war technique.

China is still lingering at the stage of agricultural economy. All industrial foundations are still in the budding stage. Production technique is far behind that of advanced nations. If we are to elevate our technical standards, augment our production capacity, and to improve the equipment of our Army, the improvement of our economic situation is an indispensable condition.

CULTURAL CONDITIONS

By cultural conditions I refer to a people's historical traditions, its spiritual foundations, the modes of living of the people, and the foundations of its general educations. China possesses a civilised history of 5 years, and an established traditional spirit. Since Dr. Sun Yat-sen, Father of the Republic, led the nation in the revolutionary movement to overthrow the Manchu dynasty to found the Republic, the Three People's Principles and the revolutionary spirit of the nation stood in its stead and enabled the nation to resist aggression and sustain the long war of resistance lasting eight years.

Culturally, however, the foundations of popular education of

the people are far from adequate. Taking the Unit d States as an example, we find that combatants in the U.S. Air Force are a hundred per cent university men; riflemen and signalmen have at least gone through the high school; in the Army and Navy, a considerable percentage of the men have also received university education (in the Army, they constitute about 25 per cent). As to Soviet Russia, with the success of the October Revolution, attention was immediately paid to cultural reconstruction, and ultimately the strong Red Army was built up, with a fighting power far superior to that obtaining in the Tzarist troops. When the Germans thought they could capture Moscow in three months on the outbreak of the war, they had made a gravs error in their estimation of the Soviet Army's strength.

Compared with our Allies, the United States and Soviet Russia, China's position culturally is far inferior. Because of the absence of favourable conditions in our political organisation, our education measures, and our mass organisation, the popular education of the Chinese people is at a low level, and there is a lack of proper political consciousness, all of which affects military educational provisions. Taking for example manyower mobilisation during the war, with the enforcement of conscription, there had been very few instances where people spontaneously offered themselves for military service. Even among the able-bodied men conscripted, sometimes it was necessary to have them closely guarded to prevent attempts at escape. I recall here the sayings "If the men are not taught the need to take up arms, they are being abandoned", and, "To drive a people to military service without first educating them in the need to do so is to bring suffering to them." When we trace the matter to its source, we cannot but admit that because popular education has not reached a suitable level, we find in looking into the quality of our men, that the majority seeing service are of the ignorant and illiterate class.

If such men are employed to use scientific weapons and to engage in combat, how can the weapons used be expected to manifest fully their prowess? Accordingly in our new policy for

the education of our servicemen, we must start with the wiping out of i!literacy. Popular education serves as the basis for military education. If popular education is not universally extended, the people's education standard does not reach its normal level, and the consolidation of military education will be affected. Conditions in the training of the Military Academy reflected the actual position. After the Battle of Wuhan, at the Nan-yo [Hengshan] Military Conference, the statistics of the Ministry of War and the Board of Military Operations were consulted, and in order to meet the need for the replacement of junior cadre members fallen in action, it was found that a junior cadre of 45,000 must be provided annually. The need for trained personnel thus increased greatly. Because of difficulties in obtaining adequate candidates, the standard of qualifications for admission was lowered to include those studying in senior middle schools for have graduated from junior middle schools. And because of the needs of war, the period of training was shortened from three years to one year or even half a year. Branch training centres were put up in different localities.

The period of training having been shortened, and limitations being also placed in the supply of arms, the training provided could not be expected to be efficient. This was felt by those both in charge of initial training and the subsequent training of those who have been called up. Sometimes, equipment available in the army units was not provided in the training centres, and the course studied tended to be impractical. Under the slogan that "the cadre determines everything", the education of cadre members and that of officers were most important. Because popular education was not well developed, the quality of the education provided for the training of officers was affected. Because of the lack of weapons and equipment, the education lost much of its practical value. Under these conditions, the difficulties attending the enforcement of military education in wartime may well be imagined.

Two years ago, with the objective of elevating the standard of education given to military trainees, in keeping with the policy

of attaching due importance to quality, it was drastically decided to reduce the number of principal training units from 32 to 15, and to extend the period of training to two years. Henceforth in our work of military reconstruction, we must on the one hand raise universally the standard of our popular education so that it may coordinate with efforts at military education. At the same time, in military education itself, we must take steps as far as possible to strengthen equipment and the provision of weapons and other material, so that the results obtained may be more practical, and the quality of our cadre elevated.

MILITARY EDUCATION SYSTEM

In speaking on the problem of the system of our military education, as at the moment the equipment of the Chinese Army is principally American, our educational system and methods must be that of the United States. This tendency cannot be doubted. There is, however, one most important pre-requisite: whatever system is adopted, it must not be swallowed up wholesale. A spirit of independence and self-determination must be upheld. In the past, when Yuan Shih-kai was training the "Self-Strengthening Army" in Tientsin, Hopei, the Prussians just won the war against France, and the German system of military drills was adopted, with the rifle carried over the left shoulder. Later, when Japan defeated the Russians, the Japanese drill system was adopted, and the rifle was carried over the right shoulder. Again later, during the first stages of World War I, when Germany was showing signs of victory, the left-shoulder system was restored. All such actions were blind imitations. Surely it must be understood that the factors contributing to victory did not merely consist of shouldering the rifle on the right or the left.

The drill exercise manuals issued in China before 1935 were mostly copied from German and Japanese models. In 1935, manuals were revised by the various military institutions. Recently, the Military Training Board undertook an extensive revision of all manuals and military textbooks. Based on the

experience of the resistance war, the traditional good points in Chinese military practice were being developed, while the good points obtaining in United States manuals were carefully selected and adopted with sincerity. Indeed, we must not only adopt the good points of our Ally, by even those of our enemy. After this revision, the manuals are comparatively more in keeping with Chinese conditions, possessing both creative and independent qualities.

Two years ago, accompanied by the Vice Minister of Military Training, the various Military Inspectors, and the heads of military training institutions, I proceeded to Kunming for an inspection of the Cadre Training Centre. According to our observatins, we found the good traits in the American system of military education to consist of the ability for self-consciousness, self-action, autonomy, perseverance and industry. Whatever the weather conditions there was no relaxation in studies in technical matters and in practical maneuvres. The methods used in education consisted of preparations, instructions, demonstrations, practices, investigations and evolutions There was mofeover an ample supply of arms and ammunitions. Accordingly, the system of routine instructions could be employed and the training of a large number of officers and men possible within a short period of time, most suitable to meet wartime needs. Such methods of education must indeed be adopted by us. We must however not neglect the provision of educational facilities, conditions attending the supply of arms, equipment and ammunitions.

After our inspection, General Stilwell asked for my comments, I thereupon made a few suggestions. In the first place, I considered that in modern warfare, there must be close cooperation of all services in the battlefield so that their joint prowess might be manifested for victory. I suggested therefore that the Air Base at Kunming might be utilised as much as possible for joint exercises by the Army and the Air Force. The same should apply in the training centres in India.

In the second place, as I inspected their artillery fire practice, I found that in the adjustment of the range finders, the order given was "6-0-0-0". It seemed all right in practices. But in case of actual fighting, when the men were under the heavy din of bullet fire and other noises, if in the receipt of the order, one "0" should be left out, then 6000 would become 600, and this shortening of the firing range would endanger friendly units, I suggested therefore that Chinese standard measures be adopted, and orders would be given in "meters".

Both my suggestions were subsequently adopted by the American authorities. I am of course giving here only an instance. Generally speaking, in our efforts at the study of military matters, we must neither belittle our own selves nor be elf-boastful. If we belittle ourselves, we lose self-confidence. If we are guilty of self arrogance, and lack the spirit of accepting guidance, we shall remain backward without making progress. Both these tendencies are improper.

I now propose to deal with reforms of the system of personnel training, and the establishment of a system of non-professional efficers and that of professional servicemen.

EDUCATIONAL REFORMS

Recently, the Military Training Board called a meeting of officers responsible for military education in various institutions for discussions, and it was decided that the system for the training of officers be reformed into a single system consisting of two grades. The period of study in Army Preparatory Schools is to be extended to three years. Education in the ordinary subjects, as well as training in military subjects are to be intensified. A military spirit, discipline, military living and habits are to be cultivated in order to complete the rudiments of education for raw recruits. On graduation, students will be dealt with in accordance with their aspirations, and the need of the various branches of the services will be considered in allotting them to various services. The students will first be despatched to regular army units where for a period of half a year they will complete their education as privates. They will then be admitted to milltary academies and there receive composite training in all branches

of the services, receiving instruction in rotation in infantry, cavalry, artillery, engineering, supply, cor mu ications, and tank practices. At the same time the equipment in milltary academies is to be augmented so that the education given will be more practical.

Upon graduation from the academy, the students will be despatched to various branches of the services. On the completion of the period of probation, a graduate will receive his commission as lieutenant in charge of a platoon. After an adequate period of service, he will be ordered to further training in a Military School of specific branch for additional education, or else be admitted, after examination, to the Military College to be trained into a senior officer of the Army with ability to serve in all branches of the services.

In modern warfare, the combined prowess of all branches of the services must be exerted in the battlefield, and close cooperation among them is necessary. For the better education of officers, the period of study in a military school has been extended to two and half to three years, so that composite education in all branches of the services may be given with the objective of rendering inter-cooperation of these branches easy, and the switching off of an officer from one branch to another possible. Concrete plans for the enforcement of theme decisions are being studied.

It is held by some that there is no need for the provision of the preparatory military school. Pending, however, the establishment and the consolidation of the system of non-professional officer, the need is still felt in the transitional period. We see for instance that in Japan, junior schools were provided for all branches of military service. After the present war, Soviet Russia has established a juvenile military school to admit students of the age of 4 to be given a long term training of seven years. The first batch will not be fully trained until 1950, and they will be considered the modern cadre of the Red Army.

SYSTEM OF NON-PROFESSIONAL OFFICERS

This system is a system for reserve cadre. It is our hope that the graduates of senior middle will have been so trained that they will serve as general reserve, and graduates of technical schools and above will have been so trained that they serve as reserve officers. The United States in World War I could speedily mobilise 4,000,000 volunteers, half of whom were led by General Pershing to aid the Allies in Europe, and the other half were being trained in the rear. During this war, the United States mobilised a total of 11,500,000 men. The large number of cadre members required, more that 1,000,000, largely reserve officers who had undergone rigid military training in the normal schools of study, and were called together for short term military aducation during the war when thy were sent out for service. The population of the United States is 127,000,000. That she was able to mobilise such a large force in war was the result of the universal application of military training in normal times.

China has a population of 450,000,000. If we have to mobilise, say, from 30,000,000 to 40,000,000 men, then the number of cadre members required, reckoned at 10 per cent, will be from 3,000,000 to 4,000,000. The supply of such a cadre is solely dependent on training and conservation in normal times. Accordingly, the establishment of the system of non-professional officers is most important. In 1931, I advanced the slogan of "incorporating the training of officers in normal studies". In recent years, because of the incomplete conditions with reference to system, authority, finance and equipment, the work of military training has not been attended with marked success. Henceforth, enforcement measures must be strengthened. The Ministry of War, the Military Training Board and the Ministry of Education are jointly discussing the issue.

SYSTEM OF PROFESSIONAL "SERGEANTS"

The system of professional soldiers has also great bearing on military reconstruction. As conscription is now in force, the supply of soldiers raises no question. As to the supply of officers, in addition to those from the military acadmies, the training of reserve officers must also be attended to.

Between the officer and the private, however, there is the

middle stratum of the "sergeantry", who occupies a most important position. The training of well quailfied professional "sergeants" must be taken up with education in the various arts of war. The Japanese, in training their "sergeants", provided a number of special schools for the purpose, and graduates therefrom were even referred to as "doctors of military arts." The sergeants make up a basic stratum in the modern army. Modern methods of combat as passed from the stage of fighting with lines of detailed soldiers to the stage of fighting with detailed groups of soldiers. In the Russo-Japanese War, the Battalion Commander took charge of the firing at the battle-front, now the sergeant takes his place. If the sergeant in an army unit retires from service in accordance with the provisions of the Milit ry Service Law, the foundations of military training will be considerably weakened, and military education, and even war operations will be affected. For the training of sergeants, the of Military Training Board had made several recommendations to the Military Council for the provision of Schools or Training Centres for Sergeants, so as to train up a force of qualified professional sergeants, to serve as the backbone of the Army. It is to be hoped that this ideal will be realised at an early d te so that the strength of the Army may be augmented to discharge adequately its duty of national defence.

練訓事軍與育教事軍國中

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